Florida
Agricultural
Statistics

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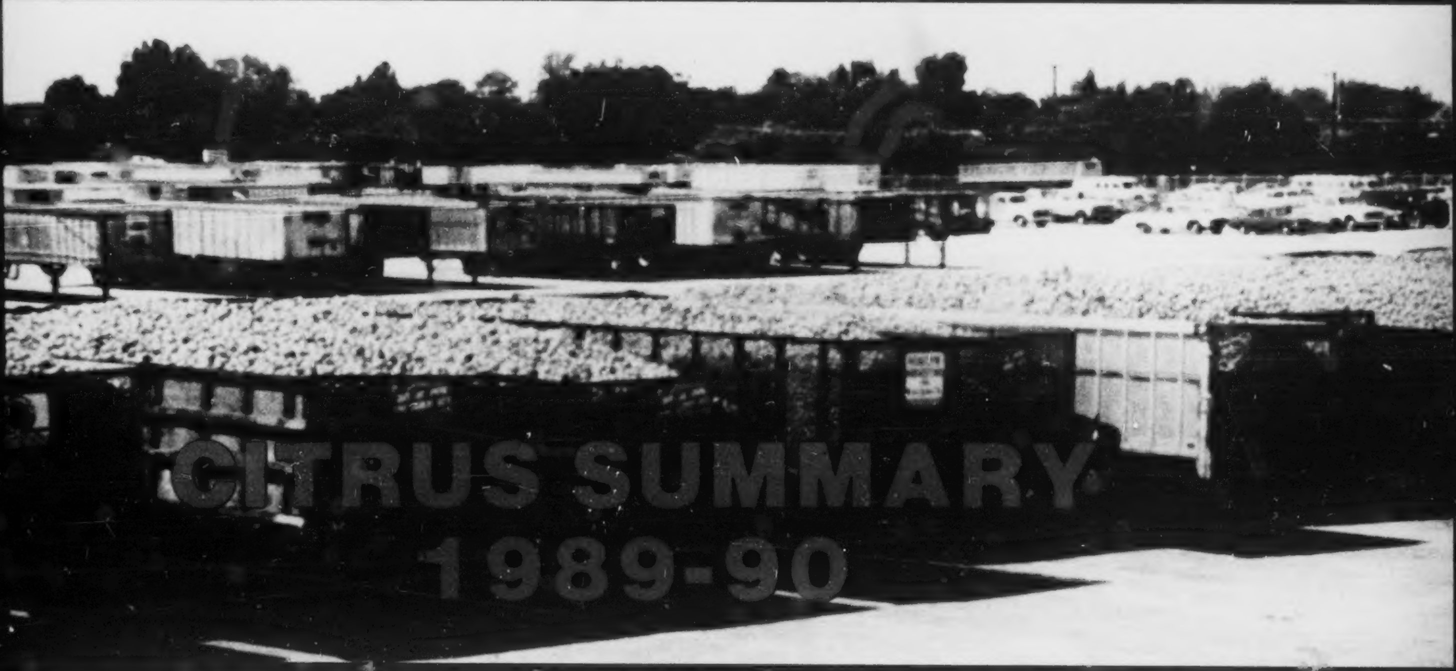
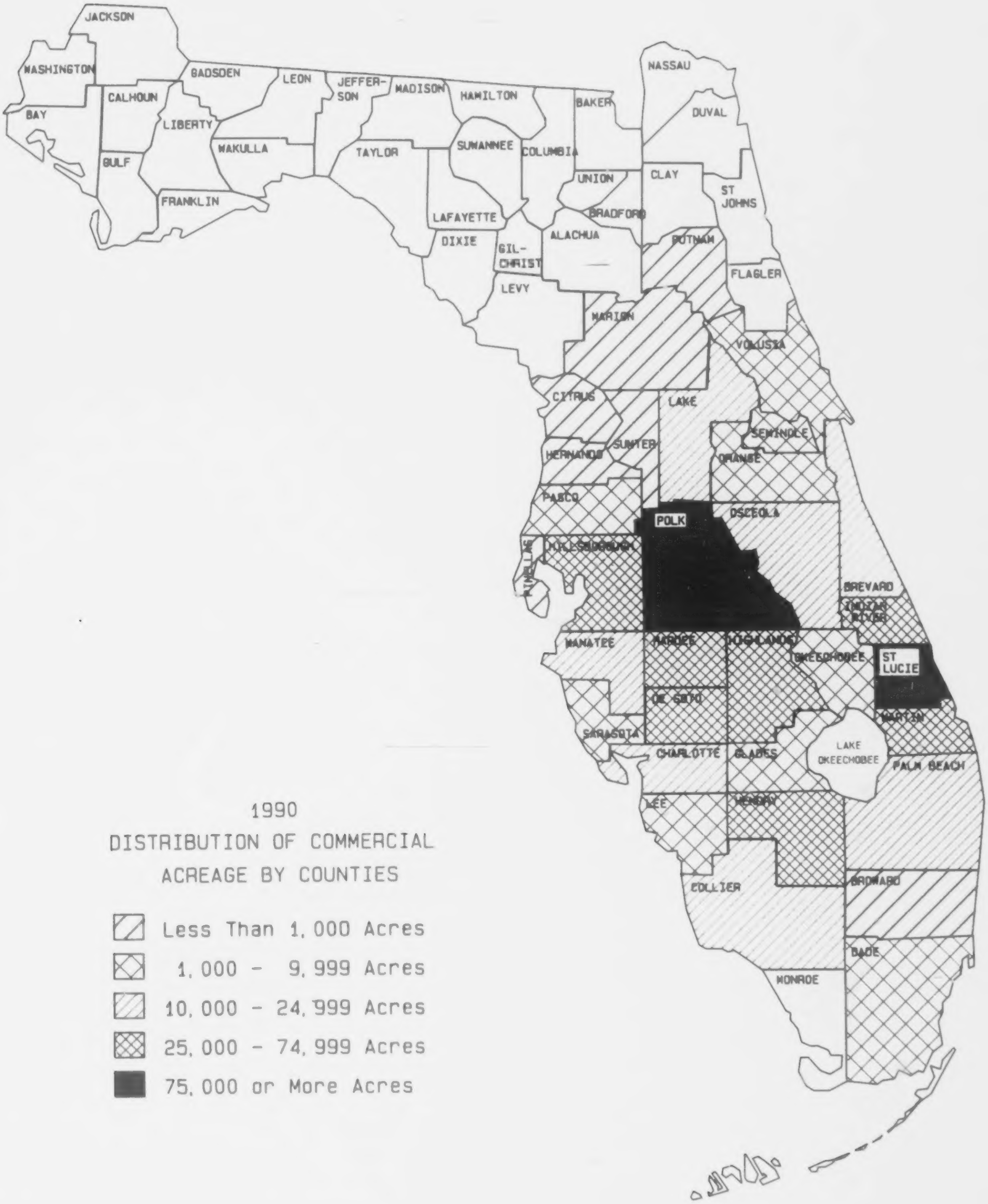


CITRUS SUMMARY
1989-90

FLORIDA
AGRICULTURAL
STATISTICS SERVICE
1222 Woodward Street
Orlando, Florida 32803



JACKSON
WASHINGTON
BAY
CALHOUN
GADSDEN
LIBERTY
GULF
FRANKLIN
LEON
WAKULLA
JEFFER-SON
MADISON
HAMILTON
TAYLOR
SUWANNEE
COLUMBIA
BAKER
NASSAU
DUVAL
UNION
CLAY
ST JOHNS
BRADFORD
LAFAYETTE
DIXIE
GIL-CHRIST
ALACHUA
PUTNAM
FLAGLER
LEVY
MARION
VOLUSIA
CITRUS
LAKE
SEMINOLE
HERNANDO
SUMTER
ORANGE
PASCO
POLK
OSCEOLA
PINELLAS
HILLSBOROUGH
BREVARD
INDIAN RIVER
MANATEE
HARDEE
HIGHLANDS
OKEECHOBEE
ST LUCIE
DE SOTO
MARTIN
SARASOTA
CHARLOTTE
GLADES
LAKE OKEECHOBEE
PALM BEACH
LEE
HENDRY
COLLIER
BROWARD
DADE
MONROE
Less Than 1,000 Acres
1,000 - 9,999 Acres
10,000 - 24,999 Acres
25,000 - 74,999 Acres
75,000 or More Acres

1990
DISTRIBUTION OF COMMERCIAL
ACREAGE BY COUNTIES

**Cover photographs courtesy of
Florida Department of Citrus.**

FLORIDA AGRICULTURAL STATISTICS

Citrus Summary 1989-90

FLORIDA DEPARTMENT OF AGRICULTURE
AND CONSUMER SERVICES

BOB CRAWFORD, COMMISSIONER

FLORIDA AGRICULTURAL
STATISTICS SERVICE

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DIVISION OF MARKETING

Dr. H.Vance Young, Jr., Director

Cooperating with

U. S. Department of Agriculture
Agricultural Marketing Service
and
National Agricultural Statistics Service

ACKNOWLEDGMENT

The acreage, production, utilization, monthly and season average price, and crop value statistics for Florida as shown in this summary are official estimates of the Florida Agricultural Statistics Service. Corresponding data for other citrus states are from official reports of the USDA, National Agricultural Statistics Service. Canned and frozen pack statistics were compiled by the Florida Citrus Processors Association. Where data are from other sources, appropriate references appear.

Records of the Division of Fruit and Vegetable Inspection, Florida Department of Agriculture and Consumer Services, were used in preparing production and utilization estimates. The Citrus Administrative Committee assisted in assembling these data.

Many producers, shippers, processors, sales agencies, transportation firms, and others associated with the citrus industry voluntarily supplied basic data used to develop these statistics. Their contributions are sincerely appreciated.

This report was assembled under the direction of Robert R. Terry, Candice T. Erick and Stacy M. Phillips of the Florida Agricultural Statistics Service.

For information call: (407) 648-6015.

Published January 1991

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FLORIDA WEATHER HIGHLIGHTS, SELECTED AREAS AND MONTHS, 1989-90 CROP YEAR

For the fifth season in the last ten, Florida's citrus was adversely affected by subfreezing weather. Three of the last five major freezes have occurred in mid-January, and two on Christmas day.

Springlike weather in early February 1989 caused new growth and bloom buds to form and on February 24 and 25 a cold snap killed many of these buds and new growth as far south as Immokalee where the temperature dipped to 25 degrees. Rainfall amounts were mostly adequate through the spring. New growth and bloom followed, but fruit set was not uniform, being light in many areas.

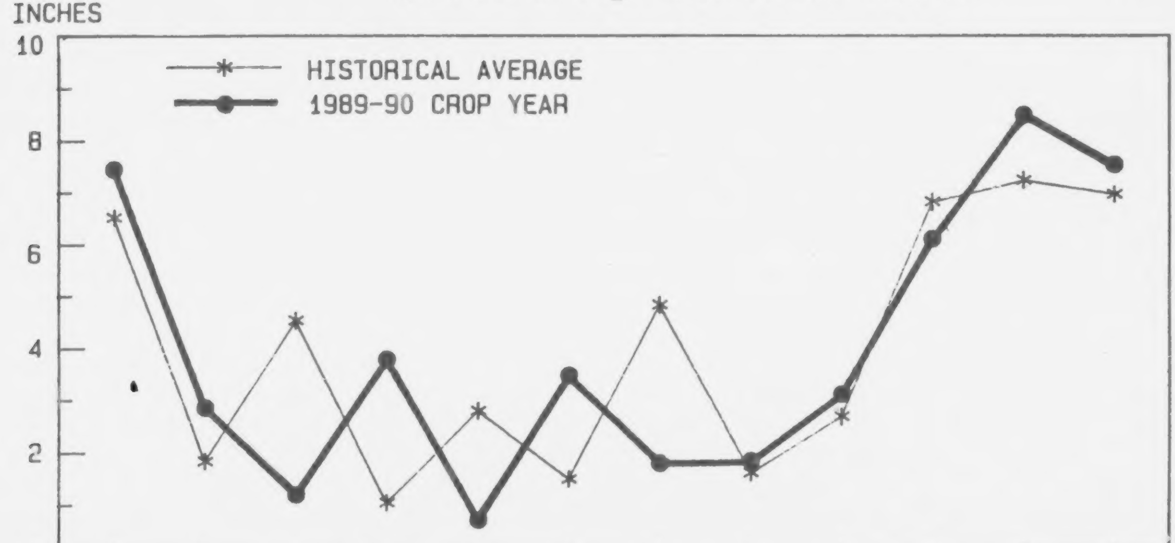
May and June temperatures were generally above average levels but rainfall was limited. By the first of July, deficits of 2 to 9 inches were common throughout the citrus belt.

Rainfall in August and September was mostly adequate, permitting trees and new fruit to progress normally. By October and November, however, dry and warm weather prevailed. Early December temperatures were cooler than normal which allowed trees to enter semi-dormancy. Rainfall amounts were higher than normal.

Rain preceding the cold front of December 24 turned to ice and light amounts of snow in some northern and central producing areas as temperatures dropped. High teen and low twenty degree temperatures were reported as far south as Immokalee and Stuart. Only the Palm Beach County citrus growing area escaped the freeze.

Weather following the freeze was unseasonably warm and dry for all of January and most of February. The freeze and subsequent warm weather caused trees to bloom earlier than normal in late January and early February.

FLORIDA PRECIPITATION: Average monthly rainfall, ten selected stations, 1984-85 through 1988-90 and 1989-90



1989-90 PRODUCTION AND TREE CENSUS

PRODUCTION

Florida's citrus production was adversely affected by the freezing weather of December 24 and 25, 1989. Orange production at 110.2 million boxes, was the lowest since the freeze affected 1984-85 season production of 103.9 million boxes. Production had returned to 146.6 million boxes in 1988-89.

Grapefruit production was also affected, falling to 35.7 million boxes from the previous season's near record 54.75 million boxes. Colored seedless varieties accounted for 46 percent of the total production.

Lime production, only slightly affected by the freeze, increased 24 percent. Production of all other specialty crops was reduced, principally because of the freeze.

The all orange FCOJ final yield was 1.22604 gallons per box, greatly reduced because of the freeze. Early and midseason oranges averaged 1.23446 gallons per box and Valencias 1.20566, the lowest since the 1976-77 season.

California's orange production was a record 73.1 million 75 lb. boxes. Navels were 44.1 million boxes and Valencias 29.0 million boxes. Grapefruit production was also up, from 8.0 to 8.7 million boxes.

Arizona's orange production was 1.57 million boxes, 380,000 boxes of Navels and 1.19 million boxes of Valencias. This was down from the previous season's production of 1.7 million boxes. Grapefruit production increased from 1.95 to 2.2 million boxes.

Texas' orange production (mostly Navels) was down from 1.85 million boxes in 1988-89 to 1.205 in 1989-90. Grapefruit production at 2.0 million boxes was drastically reduced by the December 1989 freeze. The previous season 4.8 million boxes were harvested.

CITRUS BOX WEIGHTS: Approximate net weight in pounds by fruit type and states

States	Oranges	Grapefruit	Tangerines	Lemons	Limes
Florida	90 1/	85	95	90	88
Calif.	75	65	75	76	--
Texas	85	80	--	--	--
Arizona	75	64	75	76	--

1/Includes Temples and tangelos at 90 lbs.

TREE CENSUS

The Florida Agricultural Statistics Service first began indexing the State's commercial citrus groves on aerial photography as of January 1966. Ground crews identify all the State's groves by fruit type, row spacing, and year in which set. Photo interpreters in the Orlando office then delineate the groves by variety blocks on photo transparencies at a scale of 1 inch to 660 feet. Variety blocks are measured with planimeters to obtain acreage and then indexed by land section.

The inventory is designed for quick and economical updating. Since 1966, the citrus belt has been resurveyed each second winter (1968 through 1990) to determine changes. Photographing begins in November when weather conditions are most favorable and is generally completed in 80 to 90 days. The same three-mile-wide flight lines established in 1966 are photographed on each succeeding flight. Approximately 14,000 square miles of photography is obtained at a 1 to 30,000 scale.

The last statewide survey was conducted as of January 1990. Through 1989, all types of citrus planted totaled 732,767 acres, up 5 percent from the 697,929 acres recorded in January 1988. Increases were highest in lower interior counties. Acreage by counties and types is shown on page 27.

Photography for the next survey will begin in November 1991 and field work will update the acreage records as of January 1992.

FLORIDA, ALL CITRUS: Acres in commercial groves as of January 1966 - 1990, with percent changes

Year	Acres	Percent change from Previous survey	Percent change from 1966 survey
1966	858,082	--	--
1968	931,249	+8.5	+8.5
1970	941,471	+1.1	+9.7
1972	878,019	-6.7	+2.3
1974	864,098	-1.6	+0.7
1976	852,369	-1.4	-0.7
1978	831,235	-2.5	-3.1
1980	845,283	+1.7	-1.5
1982	847,856	+0.3	-1.2
1984	761,365	-10.2	-11.3
1986	624,492	-18.0	-27.2
1988	697,929	+11.8	-18.7
1990	732,767	+5.0	-14.6

1989-90 VALUE OF SALES, PRICES AND EXPORTS

VALUE

The preliminary on-tree value of all citrus for the 1989-90 season is $908.6 million. This is 36 percent less than the 1988-89 revised value of $1.430 billion. The record high 1987-88 season value was $1.443 billion.

Preliminary value is based on that part of the crop priced at harvest, about 30 percent of the total. When all participation plans and cooperative pools are finalized, a revised value is calculated. The slight upward revision in the 1988-89 season is due to participation prices that were higher than cash prices for oranges.

Preliminary orange prices are down from a revised $7.41 in 1988-89 to $5.77 in 1989-90. Fresh shipments were reduced because of the freeze but prices were much higher at $10.31 per box compared to $7.61 in 1988-89. Processing prices are down from $7.40 to $5.51.

Grapefruit prices are up from $4.45 to $5.79. Prices for fresh grapefruit returned $10.00 per box and processing returned $3.28. Prices for tangerines and lemons were up; but tangelo, K-Early Citrus Fruit, and limes brought less per box. Temple prices were unchanged.

The season average delivered-in price of fruit going into FCOJ as reported by the Florida Citrus Processors Association is $7.30 per box or $1.49 per pound of solids. Early-mids averaged $6.60 per box or $1.35 per pound and Valencias averaged $8.60 per box or $1.75 per pound solids.

FLORIDA, ALL CITRUS: Value of sales on-tree, crop years 1980-81 through 1989-90

Crop year	Value 1,000 dol.	Crop year	Value 1,000 dol.
1980-81	953,350	1985-86	725,035
1981-82	713,380	1986-87	941,078
1982-83	876,777	1987-88	1,443,116
1983-84	849,457	1988-89[1]	1,429,808
1984-85	984,820	1989-90[2]	908,560

1/ Revised. 2/ Preliminary.

FOREIGN EXPORTS

Fresh fruit exports totaled 12,302,000 4/5 bushel cartons, the lowest since the 1985-86 season. Beginning in the 1989-90 season, shipments to Canada and Mexico are included in export totals. Canada accounts for the most receipts of Florida oranges and tangerines and Japan is the largest receiver of grapefruit.

A total of 8.7 million gallons of FCOJ were exported, mostly to Canada. There were also 3.4 million gallons of FCGJ exported, down slightly from 3.7 million gallons the previous season.

PRICES

All on-tree prices represent the average price received by growers for their fruit by types. Prices are based on records of commercial fresh fruit sales and processed fruit returns. The term "on-tree" relates to fruit value before it is picked and hauled from the grove. Each season, beginning with the first month that three percent of a fruit type is harvested, monthly estimates are computed. Reports from fresh fruit sales organizations and from packers provide data for an average f.o.b. price. Processors report an average spot and cash price for fruit delivered to their plants. From these values, an estimated charge for picking, hauling, and packing is deducted to arrive at an on-tree price. The anticipated box utilization for the month is used to combine the fresh and processing price to obtain an average price for all methods of sales. At the end of the season, monthly price averages are computed and weighted by boxes utilized, to provide the preliminary season average price.

A year later, after most processed products are sold, cooperatives and firms with participation plans report prices of fruit they handled. These prices, combined with the spot and cash prices collected earlier, are weighted together by varieties to determine the final processing price received by growers. From this price, charges for picking, hauling, and packing, as estimated by University of Florida economists, are deducted to arrive at the final on-tree price received by growers.

COUNTY PRODUCTION

Estimates of citrus production by counties were prepared using objective survey data obtained from the citrus crop estimates program. Production for Florida has been distributed to counties based on the biennial citrus tree census, limb count survey data adjusted for droppage to end of season, and size data at maturity.

Tree numbers by county which are used in the estimates were obtained from the latest tree census. Productivity per tree are obtained from several objective fruit surveys including limb count, size, and droppage samples. Because of the statistical sampling design, counties with higher production in general have a greater number of fruit samples and, therefore, estimates for these counties can be considered more reliable. Thus, for the same reason, estimates for the production areas are more reliable than for individual counties.

FLORIDA CITRUS: Production of all citrus since 1886-87

Crop year	Type of fruit				Crop year	Type of fruit			
	Oranges	Grapefruit	Other	Total		Oranges	Grapefruit	Other	Total
	1,000 boxes					1,000 boxes			
1886-87	---	---	---	1,260	1938-39	29,900	23,300	3,495	56,695
1887-88	---	---	---	1,450	1939-40	25,350	15,900	2,745	43,995
1888-89	---	---	---	1,950	1940-41	28,200	24,600	3,180	55,980
1889-90	---	---	---	2,150	1941-42	26,800	19,200	2,650	48,650
1890-91	---	---	---	2,450	1942-43	36,650	27,300	4,925	68,875
1891-92	---	---	---	2,713	1943-44	45,500	31,000	4,490	80,990
1892-93	---	---	---	3,450	1944-45	42,230	22,300	4,670	69,200
1893-94	---	---	---	5,055	1945-46	49,000	32,000	5,200	86,200
1894-95	---	---	---	2,808	1946-47	52,080	26,400	4,790	83,270
1895-96	---	---	---	147	1947-48	57,530	29,300	4,440	91,270
1896-97	---	---	---	218	1948-49	57,380	30,200	5,520	93,100
1897-98	---	---	---	359	1949-50	57,790	24,200	5,970	87,960
1898-99	---	---	---	252	1950-51	66,200	33,200	5,980	105,380
1899-00	---	---	---	274	1951-52	76,900	33,000	6,060	115,960
1900-01	---	---	---	353	1952-53	70,500	32,500	6,920	109,920
1901-02	---	---	---	974	1953-54	89,100	40,700	7,070	136,870
1902-03	---	---	---	1,147	1954-55	85,900	34,800	7,998	128,698
1903-04	---	---	---	1,955	1955-56	88,200	38,300	7,935	134,435
1904-05	---	---	---	2,961	1956-57	90,300	37,400	8,020	135,720
1905-06	---	---	---	3,794	1957-58	81,000	31,100	4,300	116,400
1906-07	---	---	---	3,801	1958-59	83,000	35,200	7,800	126,000
1907-08	---	---	---	3,250	1959-60	87,600	30,500	7,470	125,570
1908-09	---	---	---	4,634	1960-61	82,700	31,600	9,940	124,240
1909-10	5,300	1,100	---	6,400	1961-62	108,800	34,800	10,210	153,810
1910-11	3,600	1,200	---	4,800	1962-63	72,500	30,000	5,250	107,750
1911-12	3,950	1,150	---	5,100	1963-64	54,900	26,300	8,620	89,820
1912-13	6,700	2,000	---	8,700	1964-65	82,400	31,900	9,350	123,650
1913-14	6,200	2,200	---	8,400	1965-66	95,900	34,900	10,190	140,990
1914-15	8,000	2,400	---	10,400	1966-67	139,500	43,600	11,895	194,995
1915-16	6,500	2,400	---	8,900	1967-68	100,500	32,900	10,880	144,280
1916-17	5,700	2,500	---	8,200	1968-69	129,700	39,900	12,470	182,070
1917-18	4,000	2,000	---	6,000	1969-70	137,700	37,400	13,915	189,015
1918-19	6,000	3,500	---	9,500	1970-71	142,300	42,900	14,450	199,650
1919-20	7,550	5,900	478	13,928	1971-72	137,000	47,000	16,480	200,480
1920-21	8,700	5,800	726	15,226	1972-73	169,700	45,400	15,450	230,550
1921-22	7,850	6,700	583	15,133	1973-74	165,800	48,100	16,350	230,250
1922-23	10,150	7,800	785	18,735	1974-75	173,300	44,600	17,830	235,730
1923-24	13,150	8,500	590	22,240	1975-76	181,200	49,100	19,180	249,480
1924-25	10,400	8,900	936	20,236	1976-77	186,800	51,500	16,200	254,500
1925-26	9,500	7,600	730	17,830	1977-78	167,800	51,400	16,270	235,470
1926-27	10,100	8,600	912	19,612	1978-79	164,000	50,000	16,190	230,190
1927-28	8,650	7,500	850	17,000	1979-80	206,700	54,800	22,050	283,550
1928-29	15,000	11,300	1,506	27,806	1980-81	172,400	50,300	15,880	238,580
1929-30	8,950	8,300	858	18,108	1981-82	125,800	48,100	15,310	189,210
1930-31	16,800	15,800	2,408	35,008	1982-83	139,600	39,400	14,600	193,600
1931-32	12,200	10,700	2,009	24,909	1983-84	116,700	40,900	11,945	169,545
1932-33	14,500	11,600	1,910	28,010	1984-85	103,900	44,000	11,005	158,905
1933-34	15,900	10,900	2,012	28,812	1985-86	119,200	46,750	10,065	176,015
1934-35	15,600	15,200	2,015	32,815	1986-87	119,700	49,800	12,030	181,530
1935-36	15,900	11,500	2,112	29,512	1987-88	138,000	53,850	12,250	204,100
1936-37	19,100	18,100	3,045	40,245	1988-89	146,600	54,750	12,500	213,850
1937-38	23,900	14,600	2,370	40,870	1989-90	110,200	35,700	8,285	154,185

Source: See page 45, Data Sources, item 2.

History of Florida's Citrus Industry

The citrus tree is a native of the Orient. From there it was carried ever westward by man, to India, to the Mediterranean and on across the Atlantic. Citrus was brought to the Americas by Columbus. When he landed on November 22, 1493, he brought citrus seeds that were planted on the island of Haiti. The first seeds planted on the mainland of the Americas were brought by the expedition of Juan de Grijalva when he landed in Central America between July 12 and July 20, 1518. The exact date of the introduction of citrus trees into Florida is not known, but from a statement made by Pedro Medendez, dated April 2, 1579, it appears that citrus fruits were grown in abundance around St. Augustine at that time. Early settlers in Florida some two centuries later found wild citrus trees scattered over the State. One of the oldest, cultivated groves planted in Florida (Hume, 1926 p.95) is thought to have been the Don Phillipe grove in Pinellas County, planted sometime between 1809 and 1820.

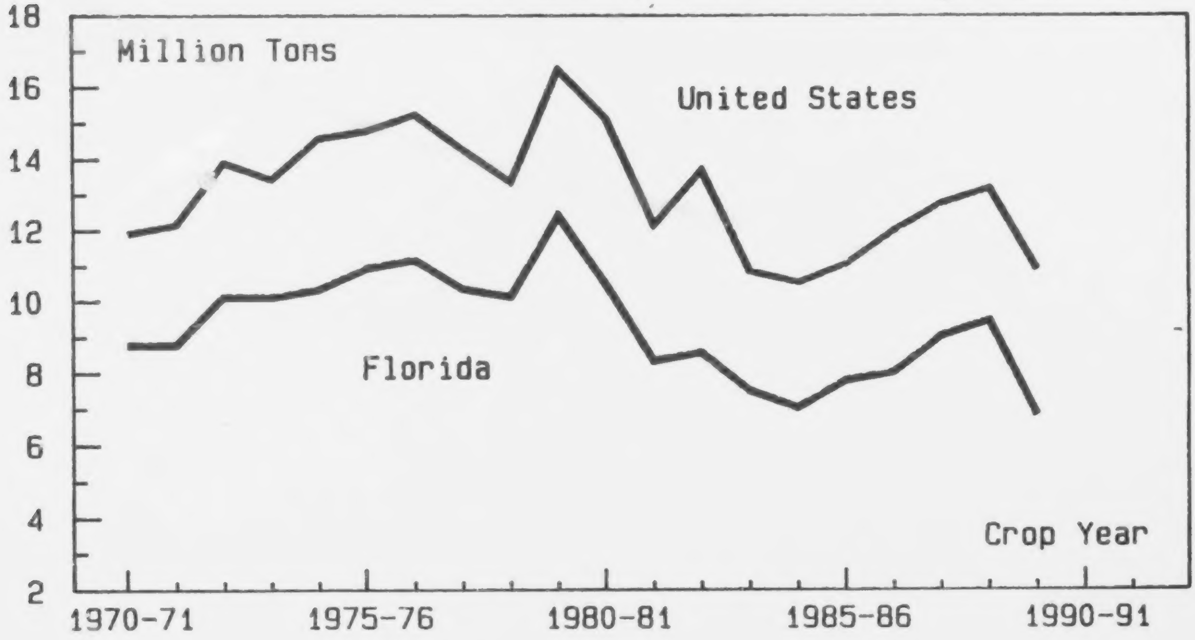
Citrus production in Florida had reached an all time high of more than 5 million boxes when the Great Freeze of 1894-95 almost totally wiped out the citrus industry. It was not until 1909-10 that this level was reached again. In 1989-90, Florida had 62.7 percent of the Nation's production.

PRINCIPAL CITRUS FRUITS: Bearing acreage and production, by states, crop years 1970-71 through 1989-90

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing: acreage:	Prod 1/	Bearing: acreage:	Prod	Bearing: acreage:	Prod	Bearing: acreage:	Prod	Bearing: acreage:	Prod 1/
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1970-71	849.4	8,786	203.0	2,100	79.0	683	37.0	350	1,168.5	11,919
1971-72	824.2	8,760	213.1	2,371	80.1	629	40.4	403	1,157.8	12,163
1972-73	820.2	10,124	221.9	2,498	70.0	803	50.8	469	1,162.9	13,894
1973-74	817.3	10,088	269.1	2,285	67.5	709	52.7	330	1,206.6	13,412
1974-75	812.7	10,337	272.7	3,191	64.1	485	55.6	573	1,205.1	14,586
1975-76	796.2	10,943	272.1	2,842	64.1	687	61.2	316	1,193.6	14,788
1976-77	794.9	11,179	267.4	2,816	63.9	789	58.5	458	1,184.7	15,242
1977-78	756.4	10,349	264.6	2,695	68.4	736	52.6	475	1,142.0	14,255
1978-79	751.5	10,101	265.7	2,189	67.6	632	45.8	407	1,130.6	13,329
1979-80	758.4	12,418	265.3	3,208	71.7	487	47.7	371	1,143.1	16,484
1980-81	753.8	10,470	265.6	3,703	66.8	452	43.7	480	1,129.9	15,105
1981-82	747.9	8,331	264.8	2,541	64.8	808	46.8	459	1,124.3	12,139
1982-83	723.0	8,574	260.0	3,945	66.2	689	42.4	474	1,091.6	13,682
1983-84	639.8	7,485	259.3	2,783	67.6	235	41.2	329	1,007.9	10,832
1984-85	575.9	7,014	254.5	3,069	30.5	0	38.4	442	899.3	10,525
1985-86	507.8	7,785	252.8	2,930	21.8	23	36.5	320	818.9	11,058
1986-87	514.5	8,009	250.7	3,377	25.5	115	35.5	493	826.2	11,994
1987-88	519.5	9,020	250.7	3,235	27.1	213	35.6	293	832.9	12,761
1988-89	528.7	9,456	253.9	3,163	28.9	271	36.0	296	847.5	13,186
1989-90	573.9	6,825	248.7	3,683	31.7	131	36.1	260	890.4	10,899

1/ Does not include Florida lemons or K-Early Citrus Fruit. Honey tangerines not included prior to 1981-82.

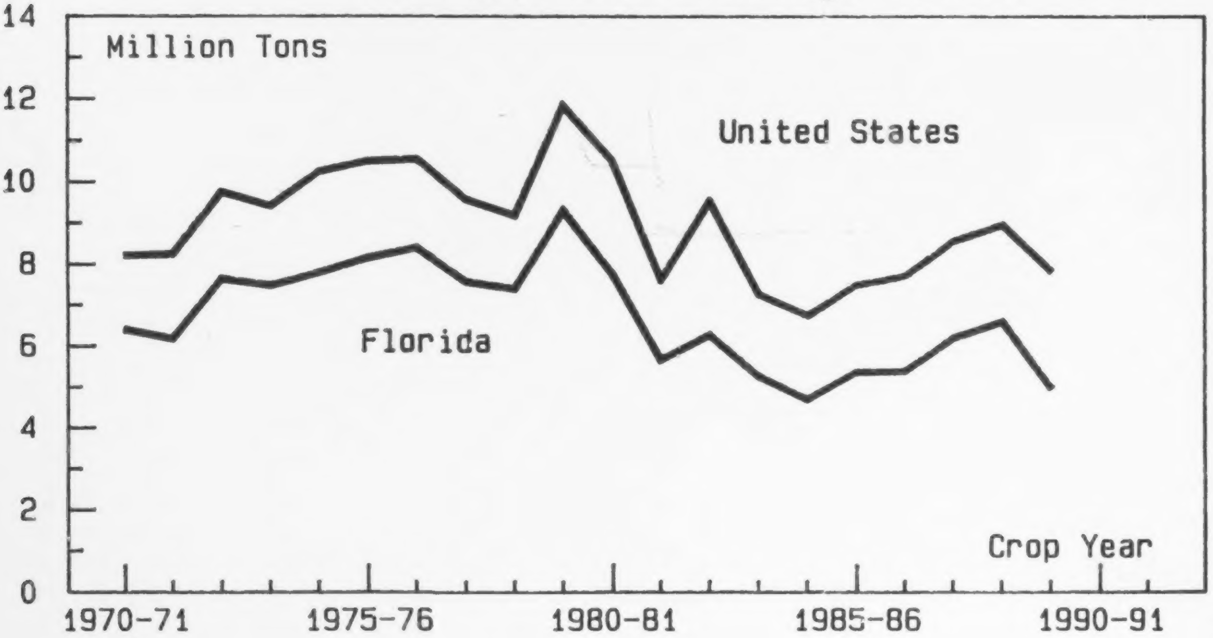
PRINCIPAL CITRUS FRUITS: Production for the United States and Florida, 1970-71 through 1989-90



ORANGES: Bearing acreage and production, by states, crop years 1970-71 through 1989-90

Crop year	Florida Bearing: acreage	Florida Prod	California Bearing: acreage	California Prod	Texas Bearing: acreage	Texas Prod	Arizona Bearing: acreage	Arizona Prod	United States Bearing: acreage	United States Prod
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1970-71	660.5	6,402	167.9	1,406	40.5	263	18.1	134	887.0	8,205
1971-72	624.2	6,165	180.4	1,627	42.5	261	19.5	184	866.6	8,237
1972-73	619.6	7,636	188.8	1,579	35.0	332	24.5	190	867.9	9,737
1973-74	614.6	7,461	196.0	1,516	32.5	281	24.4	128	867.5	9,386
1974-75	610.4	7,799	196.9	2,063	30.9	193	24.1	186	862.3	10,241
1975-76	596.4	8,154	197.7	1,980	30.9	259	23.0	100	848.0	10,493
1976-77	594.3	8,406	192.5	1,699	28.2	293	21.0	148	836.0	10,546
1977-78	579.0	7,551	188.6	1,599	28.4	260	16.8	136	812.8	9,546
1978-79	571.5	7,380	187.1	1,399	27.8	272	14.8	109	801.2	9,160
1979-80	576.6	9,302	185.7	2,228	28.0	171	15.7	131	806.0	11,832
1980-81	573.4	7,758	182.7	2,447	25.3	184	13.2	98	794.6	10,487
1981-82	560.2	5,661	180.2	1,572	23.7	252	13.6	115	777.7	7,600
1982-83	536.8	6,282	177.4	2,854	24.0	241	12.6	142	750.8	9,519
1983-84	474.2	5,252	177.1	1,819	24.3	107	12.6	65	688.2	7,243
1984-85	420.1	4,676	175.3	1,966	11.4	0	10.9	77	617.7	6,719
1985-86	367.6	5,364	174.6	2,022	8.3	14	11.0	76	561.5	7,476
1986-87	375.4	5,387	172.9	2,172	10.3	37	10.9	101	569.5	7,697
1987-88	380.2	6,210	172.6	2,212	11.1	61	10.6	68	574.5	8,551
1988-89	388.7	6,597	177.6	2,209	12.0	79	10.4	64	588.7	8,949
1989-90	431.4	4,959	174.8	2,740	13.0	51	10.2	59	629.4	7,809

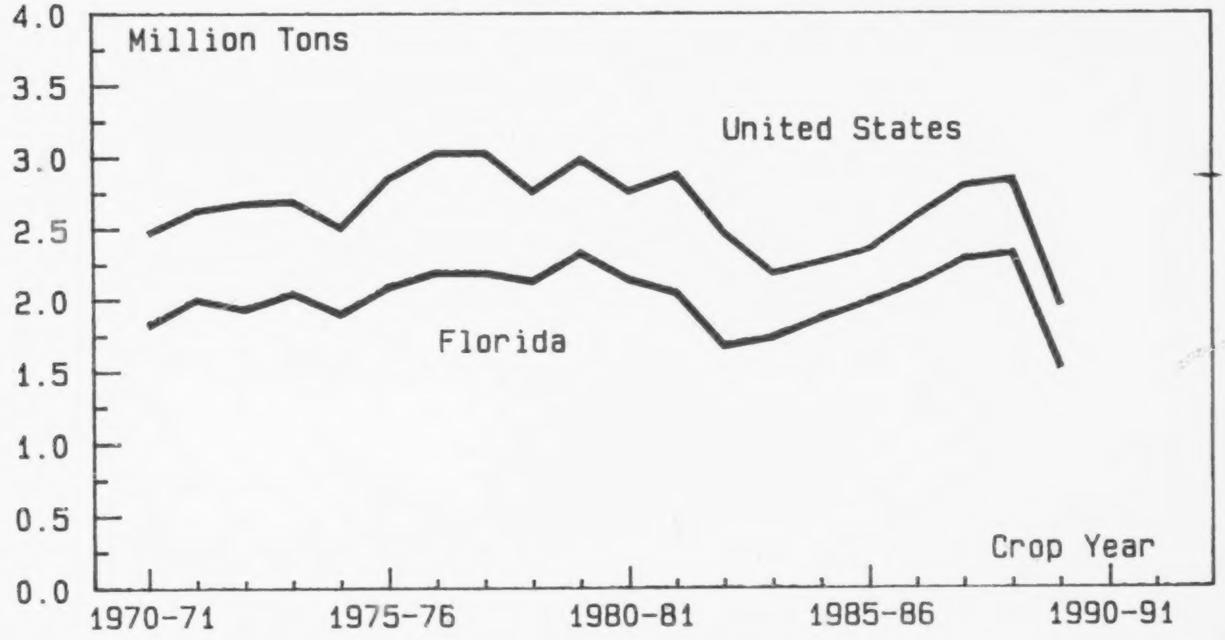
ORANGES: Production for the United States and Florida, 1970-71 through 1989-90



GRAPEFRUIT: Bearing acreage and production, by states, crop years 1970-71 through 1989-90

Crop year	Florida		Texas		California		Arizona		United States	
	Bearing: acreage	Prod	Bearing: acreage	Prod	Bearing: acreage	Prod	Bearing: acreage	Prod	Bearing: acreage	Prod
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1970-71	107.2	1,824	37.6	404	12.1	164	6.3	81	163.2	2,473
1971-72	112.6	1,999	35.0	368	12.6	179	6.4	81	166.6	2,627
1972-73	114.6	1,930	35.0	472	13.1	189	8.0	85	170.7	2,676
1973-74	115.8	2,044	35.0	428	14.3	154	8.2	66	173.3	2,692
1974-75	115.4	1,897	33.1	292	15.8	226	9.3	89	173.6	2,504
1975-76	117.9	2,088	33.1	428	16.4	234	9.6	100	177.0	2,850
1976-77	119.3	2,190	35.1	496	16.6	250	10.2	96	181.2	3,032
1977-78	120.3	2,184	40.1	476	17.4	274	10.8	96	188.6	3,030
1978-79	124.6	2,125	39.8	360	19.5	200	8.9	72	192.8	2,757
1979-80	126.4	2,329	43.8	316	21.3	245	8.4	96	199.9	2,986
1980-81	125.6	2,138	41.5	268	21.8	263	8.1	90	197.0	2,759
1981-82	127.8	2,044	41.1	556	22.0	201	8.2	77	199.1	2,878
1982-83	128.6	1,674	42.2	448	21.7	238	6.8	105	199.3	2,465
1983-84	119.6	1,738	43.3	128	21.9	238	6.8	80	191.6	2,184
1984-85	115.5	1,870	19.1	0	21.1	289	7.1	107	162.8	2,266
1985-86	105.1	1,987	13.5	9	20.9	266	5.7	90	145.2	2,352
1986-87	106.0	2,116	15.2	77	20.8	305	5.9	88	147.9	2,586
1987-88	106.0	2,289	16.0	152	20.7	298	6.0	62	148.7	2,801
1988-89	106.9	2,327	16.9	192	19.9	283	6.5	62	150.2	2,844
1989-90	107.4	1,517	18.7	80	19.2	286	6.4	70	151.7	1,953

GRAPEFRUIT: Production for the United States and Florida, 1970-71 through 1989-90



FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
All round oranges							
1970-71	660.5	215	142,300	13,962	128,338	1.46	208,146
1971-72	624.2	219	137,000	11,233	125,767	2.04	280,317
1972-73	619.6	274	169,700	12,223	157,477	1.56	265,361
1973-74	614.6	270	165,800	11,090	154,710	1.47	244,691
1974-75	610.4	284	173,300	13,393	159,907	1.62	280,350
1975-76	596.4	304	181,200	11,730	169,470	1.77	321,449
1976-77	594.3	314	186,800	8,878	177,922	2.17	405,982
1977-78	579.0	290	167,800	9,966	157,834	4.14	693,677
1978-79	571.5	287	164,000	11,701	152,299	4.66	764,961
1979-80	576.6	358	206,700	10,990	195,710	3.72	768,877
1980-81	573.4	301	172,400	8,276	164,124	4.04	697,231
1981-82	560.2	225	125,800	7,620	118,180	4.28	538,686
1982-83	536.8	260	139,600	10,320	129,280	5.15	718,420
1983-84	474.3	246	116,700	7,640	109,060	5.75	670,618
1984-85	420.1	247	103,900	6,652	97,248	7.10	737,923
1985-86	367.6	324	119,200	8,960	110,240	3.94	469,959
1986-87	375.4	319	119,700	8,870	110,830	5.22	624,771
1987-88	380.2	363	138,000	9,520	128,480	7.58	1,046,700
1988-89	388.7	377	146,600	8,488	138,112	7.41	1,086,319
1989-90	431.4	255	110,200	5,915	104,285	5.77	635,890
Early and midseason oranges							
1970-71	348.3	236	82,100	8,198	73,902	1.10	90,141
1971-72	323.2	213	68,800	6,024	62,776	1.98	136,107
1972-73	320.3	281	90,000	6,681	83,319	1.43	128,873
1973-74	316.3	291	92,100	6,110	85,990	1.38	127,438
1974-75	314.8	307	96,600	7,402	89,198	1.46	140,792
1975-76	308.4	320	98,800	6,485	92,315	1.69	166,911
1976-77	306.9	375	115,000	6,131	108,869	1.89	216,967
1977-78	299.0	295	88,300	5,750	82,550	3.90	344,268
1978-79	295.5	308	91,000	6,325	84,675	4.44	403,767
1979-80	298.9	394	117,900	6,476	111,424	3.59	423,324
1980-81	297.2	355	105,600	5,788	99,812	3.67	387,714
1981-82	289.6	256	74,000	4,929	69,071	4.27	316,316
1982-83	277.8	253	70,200	6,067	64,133	4.88	342,914
1983-84	237.3	294	69,700	4,939	64,761	5.09	354,800
1984-85	198.3	277	55,000	4,418	50,582	7.30	401,369
1985-86	182.3	352	64,200	5,121	59,079	3.92	251,366
1986-87	189.1	348	65,800	5,267	60,533	4.56	300,290
1987-88	198.1	396	78,500	5,870	72,630	6.72	527,169
1988-89	205.4	415	85,300	5,434	79,866	6.69	571,082
1989-90	235.1	290	68,100	4,850	63,250	5.07	345,491

1/ 1989-90 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
Late (Valencia) oranges							
1970-71	312.2	193	60,200	5,764	54,436	1.91	118,025
1971-72	301.0	227	68,200	5,209	62,991	2.11	144,210
1972-73	299.3	266	79,700	5,542	74,158	1.71	136,488
1973-74	298.3	247	73,700	4,980	68,720	1.59	117,253
1974-75	295.6	259	76,700	5,991	70,709	1.82	139,558
1975-76	288.0	286	82,400	5,245	77,155	1.88	154,538
1976-77	287.4	250	71,800	2,747	69,053	2.63	189,015
1977-78	280.0	284	79,500	4,216	75,284	4.40	349,409
1978-79	276.0	264	73,000	5,376	67,624	4.95	361,194
1979-80	277.7	320	88,800	4,514	84,286	3.89	345,553
1980-81	276.2	242	66,800	2,488	64,312	4.63	309,517
1981-82	270.6	191	51,800	2,691	49,109	4.29	222,370
1982-83	259.0	268	69,400	4,253	65,147	5.41	375,506
1983-84	237.0	198	47,000	2,701	44,299	6.72	315,818
1984-85	221.8	220	48,900	2,234	46,666	6.88	336,554
1985-86	185.3	297	55,000	3,839	51,161	3.97	218,593
1986-87	186.3	289	53,900	3,603	50,297	6.02	324,481
1987-88	182.1	327	59,500	3,650	55,850	8.73	519,531
1988-89	183.3	334	61,300	3,054	58,246	8.41	515,237
1989-90	196.3	214	42,100	1,065	41,035	6.90	290,399
Temples							
1970-71	23.0	217	5,000	2,232	2,768	1.91	9,529
1971-72	22.4	237	5,300	1,783	3,517	1.95	10,358
1972-73	22.3	229	5,100	2,445	2,655	1.95	9,959
1973-74	21.9	242	5,300	1,925	3,375	1.64	8,669
1974-75	21.9	242	5,300	1,908	3,392	1.68	8,893
1975-76	20.5	268	5,500	2,329	3,171	1.79	9,870
1976-77	20.3	187	3,800	1,184	2,616	2.16	8,189
1977-78	18.9	259	4,900	2,049	2,851	3.92	19,226
1978-79	18.3	257	4,700	2,135	2,565	4.89	22,968
1979-80	18.2	330	6,000	2,784	3,216	2.89	17,356
1980-81	17.7	203	3,600	1,107	2,493	4.21	15,170
1981-82	16.8	190	3,200	838	2,362	4.01	12,824
1982-83	15.8	297	4,700	1,563	3,137	3.99	18,735
1983-84	13.5	215	2,900	762	2,138	5.34	15,476
1984-85	12.2	266	3,250	626	2,624	5.59	18,162
1985-86	10.0	295	2,950	913	2,037	3.01	8,870
1986-87	9.4	362	3,400	1,053	2,347	3.60	12,236
1987-88	9.3	382	3,550	1,292	2,258	5.69	20,196
1988-89	9.3	403	3,750	869	2,881	5.46	20,474
1989-90	9.2	152	1,400	145	1,255	5.46	7,642

1/ 1989-90 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
All grapefruit							
1970-71	107.2	400	42,900	14,960	27,940	1.91	81,514
1971-72	112.6	417	47,000	17,039	29,961	2.32	108,991
1972-73	114.6	396	45,400	17,046	28,354	2.08	94,635
1973-74	115.8	415	48,100	18,731	29,369	1.66	79,879
1974-75	115.4	386	44,600	18,797	25,806	1.72	76,367
1975-76	117.9	416	49,100	20,369	28,731	1.47	72,155
1976-77	119.3	432	51,500	16,393	35,107	1.58	81,116
1977-78	120.3	427	51,400	18,038	33,362	1.64	84,438
1978-79	124.6	401	50,000	19,790	30,210	2.41	120,128
1979-80	126.4	434	54,800	19,501	35,299	3.31	181,208
1980-81	125.6	400	50,300	17,167	33,133	3.60	181,155
1981-82	127.8	376	48,100	16,719	31,381	2.09	100,597
1982-83	128.6	306	39,400	18,313	21,087	1.96	77,221
1983-84	119.6	342	40,900	16,661	24,239	2.72	111,158
1984-85	115.5	381	44,000	14,988	29,012	3.67	161,356
1985-86	105.1	445	46,750	19,620	27,130	4.09	191,068
1986-87	106.0	470	49,800	20,938	28,862	4.98	248,120
1987-88	106.0	508	53,850	23,110	30,740	5.57	299,887
1988-89	106.9	512	54,750	23,902	30,848	4.45	243,874
1989-90	107.4	332	35,700	13,345	22,355	5.79	206,805
Seedy grapefruit							
1970-71	25.2	468	11,800	479	11,321	1.68	19,781
1971-72	24.5	445	10,900	285	10,615	2.01	21,931
1972-73	24.3	420	10,200	281	9,919	1.63	16,672
1973-74	23.6	424	10,000	138	9,862	1.31	13,117
1974-75	23.3	309	7,200	147	7,053	.87	6,270
1975-76	22.6	345	7,800	109	7,691	.85	6,668
1976-77	22.5	404	9,100	64	9,036	1.20	10,920
1977-78	21.0	400	8,400	85	8,315	1.45	12,180
1978-79	21.3	343	7,300	71	7,229	1.84	13,432
1979-80	20.0	395	7,900	106	7,794	3.04	24,016
1980-81	19.6	372	7,300	69	7,231	2.92	21,316
1981-82	19.3	311	6,000	2/	6,000	1.13	6,780
1982-83	19.0	253	4,800	2/	4,800	.70	3,360
1983-84	15.3	295	4,500	2/	4,500	2.01	9,045
1984-85	12.7	228	2,900	2/	2,900	2.58	7,482
1985-86	10.3	306	3,150	2/	3,150	3.27	10,301
1986-87	9.5	305	2,900	2/	2,900	4.27	12,383
1987-88	8.9	309	2,750	2/	2,750	4.99	13,723
1988-89	8.7	385	3,350	2/	3,350	3.68	12,328
1989-90	8.5	165	1,400	2/	1,400	3.84	5,376

1/ 1989-90 preliminary. 2/ Fresh sales insignificant, included in processed.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
White seedless grapefruit							
1970-71	54.0	374	20,200	7,452	12,748	1.89	38,302
1971-72	59.0	403	23,800	8,938	14,862	2.27	54,040
1972-73	60.3	390	23,500	9,507	13,993	2.06	48,364
1973-74	61.3	423	25,900	10,748	15,152	1.58	40,919
1974-75	61.1	424	25,900	11,008	14,892	1.55	40,282
1975-76	63.3	447	28,300	11,315	16,985	1.29	36,557
1976-77	63.6	470	29,900	9,805	20,095	1.49	44,690
1977-78	64.2	447	28,700	9,026	19,674	1.47	42,323
1978-79	66.0	445	29,400	10,179	19,221	2.21	65,021
1979-80	66.9	465	31,100	8,900	22,200	3.12	97,086
1980-81	66.6	426	28,400	8,195	20,205	3.46	98,285
1981-82	65.8	415	27,300	8,329	18,971	1.92	52,370
1982-83	65.4	333	21,800	9,045	12,755	1.51	32,941
1983-84	60.5	380	23,000	7,642	15,358	2.08	47,885
1984-85	58.2	426	24,800	5,350	19,450	3.02	74,956
1985-86	53.4	479	25,600	6,735	18,865	3.56	91,107
1986-87	53.0	508	26,900	7,086	19,814	4.45	119,693
1987-88	51.6	566	29,200	8,020	21,180	5.35	156,360
1988-89	51.1	542	27,700	8,033	19,667	4.33	119,980
1989-90	50.4	357	18,000	4,055	13,945	5.28	95,000
Colored seedless grapefruit							
1970-71	28.0	389	10,900	7,029	3,871	2.15	23,431
1971-72	29.1	423	12,300	7,816	4,484	2.69	32,020
1972-73	30.0	390	11,700	7,258	4,442	2.53	29,599
1973-74	30.9	395	12,200	7,845	4,355	2.12	25,843
1974-75	31.0	371	11,500	7,642	3,858	2.59	29,815
1975-76	32.0	406	13,000	8,945	4,055	2.23	28,930
1976-77	33.2	377	12,500	6,524	5,976	2.04	25,506
1977-78	35.1	407	14,300	8,927	5,373	2.09	29,935
1978-79	37.3	357	13,300	9,540	3,760	3.13	41,675
1979-80	39.5	400	15,800	10,495	5,305	3.80	60,106
1980-81	39.4	371	14,600	8,903	5,697	4.22	61,554
1981-82	42.7	347	14,800	8,390	6,410	2.80	41,447
1982-83	44.2	290	12,800	9,268	3,532	3.20	40,920
1983-84	43.8	306	13,400	9,019	4,381	4.05	54,228
1984-85	44.6	365	16,300	9,638	6,662	4.84	78,918
1985-86	41.4	435	18,000	12,885	5,115	4.98	89,660
1986-87	43.5	460	20,000	13,852	6,148	5.80	116,044
1987-88	45.5	481	21,900	15,090	6,810	5.93	129,804
1988-89	47.1	503	23,700	15,869	7,831	4.71	111,566
1989-90	48.5	336	16,300	9,290	7,010	6.53	106,429

1/ 1989-90 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
Tangelos							
1970-71	21.4	126	2,700	1,607	1,093	1.04	2,816
1971-72	20.0	180	3,600	1,718	1,882	1.69	6,091
1972-73	19.2	161	3,100	1,433	1,667	1.39	4,320
1973-74	18.8	197	3,700	1,596	2,104	1.25	4,631
1974-75	18.9	249	4,700	2,363	2,337	1.45	6,833
1975-76	18.6	296	5,500	2,245	3,255	1.42	7,806
1976-77	18.4	261	4,800	2,295	2,505	1.42	6,814
1977-78	17.9	274	4,900	1,987	2,913	3.29	16,144
1978-79	17.1	246	4,200	1,721	2,479	3.90	16,360
1979-80	17.3	370	6,400	1,807	4,593	2.87	18,351
1980-81	16.8	292	4,900	2,056	2,844	3.92	19,226
1981-82	16.1	317	5,100	1,780	3,320	3.58	18,264
1982-83	15.6	244	3,800	1,878	1,922	4.37	16,596
1983-84	12.3	293	3,600	1,596	2,004	4.28	15,395
1984-85	10.1	356	3,600	1,468	2,132	7.08	25,501
1985-86	9.5	311	2,950	1,338	1,612	4.06	11,980
1986-87	9.5	421	4,000	1,310	2,690	3.72	14,891
1987-88	9.4	447	4,200	1,395	2,805	5.58	23,435
1988-89	9.5	400	3,800	1,348	2,452	6.31	23,994
1989-90	9.9	298	2,950	1,118	1,832	4.85	14,313
All Tangerines 2/							
1970-71	20.0	185	3,700	2,661	1,039	1.88	6,970
1971-72	19.3	166	3,200	2,228	972	2.97	9,497
1972-73	19.4	155	3,000	2,018	982	2.37	7,123
1973-74	19.1	147	2,800	2,055	745	2.82	7,885
1974-75	19.4	160	3,100	2,211	889	3.05	9,463
1975-76	18.0	189	3,400	2,362	1,038	3.02	10,251
1976-77	17.9	184	3,300	2,317	983	3.29	10,855
1977-78	16.5	194	3,200	1,901	1,299	4.79	15,339
1978-79	15.9	220	3,500	1,891	1,609	4.99	17,465
1979-80	15.2	257	3,900	2,339	1,561	4.25	16,594
1980-81	15.0	200	3,000	1,905	1,095	5.45	16,361
1981-82	20.6	199	4,100	1,917	2,183	5.91	24,236
1982-83	18.9	180	3,400	2,170	1,230	7.81	26,556
1983-84	13.2	225	2,975	1,858	1,117	7.08	21,075
1984-85	11.3	163	1,840	945	895	13.66	25,127
1985-86	8.8	222	1,950	1,189	761	11.55	22,515
1986-87	7.5	312	2,340	1,462	878	10.92	25,563
1987-88	7.6	322	2,450	1,614	836	12.99	31,831
1988-89	7.7	377	2,900	1,639	1,261	12.64	36,652
1989-90	9.3	183	1,700	1,007	693	15.59	26,495

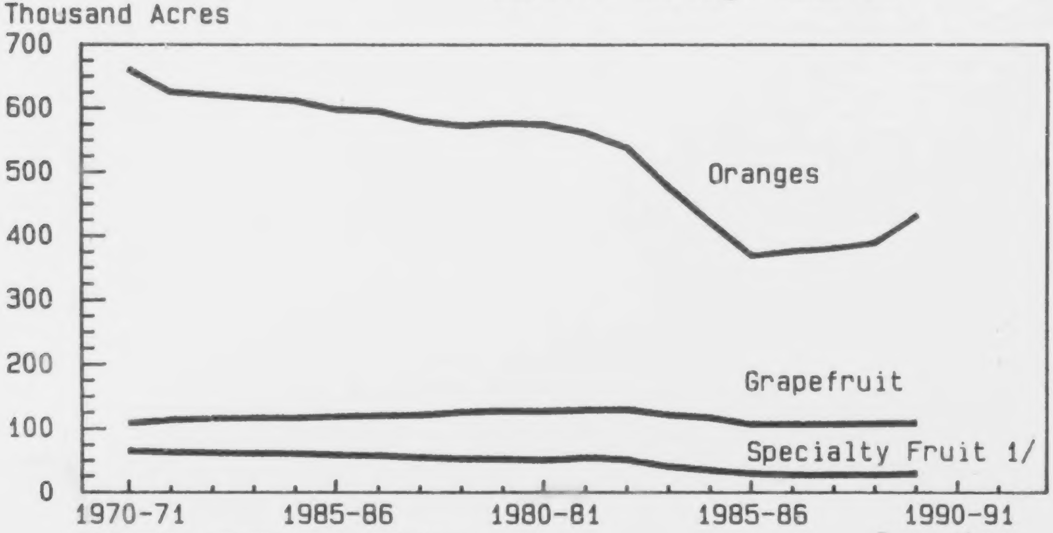
1/ 1989-90 preliminary. 2/ Honey tangerines not included prior to 1981-82 and Sunburst tangerines not included prior to 1989-90.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
Limes							
1970-71	4.3	205	880	395	485	3.10	2,725
1971-72	4.5	244	1,100	474	626	3.89	4,279
1972-73	4.5	244	1,100	517	583	4.25	4,670
1973-74	4.4	239	1,050	479	571	5.10	5,351
1974-75	4.4	250	1,100	493	607	5.35	5,889
1975-76	4.4	245	1,080	586	494	6.70	7,235
1976-77	4.5	222	1,000	514	486	8.60	8,596
1977-78	3.8	121	460	340	120	15.72	7,229
1978-79	4.1	176	720	481	239	12.44	8,948
1979-80	4.7	234	1,100	622	478	8.18	8,996
1980-81	5.3	226	1,200	697	503	6.58	7,891
1981-82	6.4	203	1,300	625	675	7.88	10,238
1982-83	7.3	233	1,700	975	725	8.39	14,262
1983-84	7.0	206	1,440	825	615	7.46	10,736
1984-85	6.7	245	1,640	1,025	615	7.27	11,927
1985-86	6.8	254	1,725	880	845	7.94	13,692
1986-87	6.7	216	1,450	850	600	8.57	12,424
1987-88	7.0	186	1,300	860	440	12.69	16,493
1988-89	6.6	189	1,250	950	300	11.29	14,112
1989-90	6.7	246	1,650	1,010	640	8.26	13,634

1/ 1989-90 preliminary.

FLORIDA CITRUS: Bearing Acreage by types, 1970-71 through 1989-90



1/ Temples, tangelos, and tangerines.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1989-90 1/

Crop year	Utilization of production: Fresh	Utilization of production: Proc	Utilization of production: Total	Price per box: Fresh	Price per box: Proc	Price per box: Total	Value of production: Fresh	Value of production: Proc	Value of production: Total
	1,000 boxes			Dollars per box			1,000 dollars		
United States oranges									
1984-85	48,657	109,693	158,350	10.17	6.29	7.37	493,420	679,313	1,172,733
1985-86	54,495	120,945	175,440	6.38	3.43	4.27	349,010	406,650	755,660
1986-87	53,315	127,860	181,175	7.97	4.45	5.39	427,974	553,023	980,997
1987-88	53,521	146,729	200,250	8.41	6.78	7.18	450,588	974,259	1,424,847
1988-89	51,859	157,191	209,050	8.21	6.76	7.08	426,516	1,044,156	1,470,672
1989-90	57,505	128,570	186,075	8.42	5.04	5.99	481,847	637,856	1,119,703
Florida oranges									
1984-85	6,652	97,248	103,900	11.11	6.83	7.10	73,911	664,012	737,923
1985-86	8,960	110,240	119,200	5.33	3.83	3.94	47,746	422,213	469,959
1986-87	8,870	110,830	119,700	6.18	5.14	5.22	54,828	569,943	624,771
1987-88	9,520	128,480	138,000	7.96	7.56	7.58	75,749	970,951	1,046,700
1988-89	8,488	138,112	146,600	7.61	7.40	7.41	64,628	1,021,691	1,086,319
1989-90	5,915	104,285	110,200	10.31	5.51	5.77	60,962	574,928	635,890
California oranges									
1984-85	40,400	12,000	52,400	10.01	1.23	8.00	404,262	14,724	418,986
1985-86	43,600	10,300	53,900	6.60	-1.46	5.06	287,620	-15,068	272,552
1986-87	41,700	16,200	57,900	8.50	-1.03	5.83	354,468	-16,704	337,764
1987-88	41,300	17,700	59,000	8.55	.15	6.03	352,984	2,646	355,630
1988-89	40,600	18,300	58,900	8.37	1.15	6.12	339,703	20,961	360,664
1989-90	49,800	23,300	73,100	8.16	2.58	6.38	406,261	60,143	466,404
Texas oranges									
1984-85	0	0	0	0	0	0	0	0	0
1985-86	290	20	310	9.23	4.00	8.89	2,677	80	2,757
1986-87	785	90	875	7.69	2.47	7.15	6,034	222	6,256
1987-88	1,276	154	1,430	8.05	3.27	7.53	10,272	503	10,775
1988-89	1,556	294	1,850	6.92	3.67	6.40	10,766	1,080	11,846
1989-90	663	542	1,205	7.92	3.00	5.71	5,251	1,627	6,878
Arizona oranges									
1984-85	1,605	445	2,050	9.50	1.30	7.72	15,247	577	15,824
1985-86	1,645	385	2,030	6.67	-1.49	5.12	10,967	- 575	10,392
1986-87	1,960	740	2,700	6.45	- .59	4.52	12,644	- 438	12,206
1987-88	1,425	395	1,820	8.13	.40	6.45	11,583	159	11,742
1988-89	1,215	485	1,700	9.40	.87	6.97	11,419	424	11,843
1989-90	1,127	443	1,570	8.32	2.61	6.71	9,373	1,158	10,531

1/ 1989-90 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1989-90 1/

Crop	Utilization of production			Price per box			Value of production		
year	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida early (including Navels) and midseason oranges									
1985-86	5,121	59,079	64,200	6.40	3.70	3.92	32,774	218,592	251,366
1986-87	5,267	60,533	65,800	6.10	4.43	4.56	32,129	268,161	300,290
1987-88	5,870	72,630	78,500	7.65	6.64	6.72	44,906	482,263	527,169
1988-89	5,434	79,866	85,300	7.65	6.63	6.69	41,570	529,512	571,082
1989-90	4,850	63,250	68,100	9.55	4.73	5.07	46,318	299,173	345,491
Florida Navels									
1985-86	1,606	444	2,050	11.90	3.06	9.99	19,111	1,359	20,470
1986-87	1,932	568	2,500	9.50	2.81	7.98	18,354	1,596	19,950
1987-88	2,046	554	2,600	10.45	4.63	9.21	21,381	2,565	23,946
1988-89	2,312	788	3,100	10.05	4.43	8.62	23,236	3,491	26,727
1989-90	2,135	765	2,900	11.85	3.33	9.60	25,300	2,547	27,847
Florida late (Valencia) oranges									
1985-86	3,839	51,161	55,000	3.90	3.98	3.97	14,972	203,621	218,593
1986-87	3,603	50,297	53,900	6.30	6.00	6.02	22,699	301,782	324,481
1987-88	3,650	55,850	59,500	8.45	8.75	8.73	30,843	488,688	519,531
1988-89	3,054	58,246	61,300	7.55	8.45	8.41	23,058	492,179	515,237
1989-90	1,065	41,035	42,100	13.75	6.72	6.90	14,644	275,755	290,399
California Navels and miscellaneous oranges									
1985-86	26,500	6,500	33,000	7.24	-1.64	5.49	191,860	-10,660	181,200
1986-87	26,500	8,000	34,500	7.56	-1.76	5.40	200,340	-14,080	186,260
1987-88	24,900	6,600	31,500	7.84	- .44	6.11	195,216	- 2,904	192,312
1988-89	25,900	8,100	34,000	7.69	.17	5.90	199,171	1,377	200,548
1989-90	32,300	11,800	44,100	8.07	1.91	6.42	260,661	22,538	283,199
California Valencia oranges									
1985-86	17,100	3,800	20,900	5.60	-1.16	4.37	95,760	- 4,408	91,352
1986-87	15,200	8,200	23,400	10.14	- .32	6.47	154,128	- 2,624	151,504
1987-88	16,400	11,100	27,500	9.62	.50	5.94	157,768	5,550	163,318
1988-89	14,700	10,200	24,900	9.56	1.92	6.43	140,532	19,584	160,116
1989-90	17,500	11,500	29,000	8.32	3.27	6.32	145,600	37,605	183,205
Florida Temples									
1985-86	913	2,037	2,950	5.90	1.71	3.01	5,387	3,483	8,870
1986-87	1,053	2,347	3,400	5.00	2.97	3.60	5,265	6,971	12,236
1987-88	1,292	2,258	3,550	7.05	4.91	5.69	9,109	11,087	20,196
1988-89	869	2,881	3,750	7.15	4.95	5.46	6,213	14,261	20,474
1989-90	145	1,255	1,400	17.65	4.05	5.46	2,559	5,083	7,642

1/ 1989-90 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1989-90 1/

Crop	Utilization of production			Price per box			Value of production		
year	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
United States grapefruit									
1984-85	23,368	32,782	56,150	6.27	2.38	3.95	149,415	75,547	224,962
1985-86	27,320	30,550	57,870	5.85	2.94	4.29	163,452	86,793	250,245
1986-87	30,083	33,692	63,775	6.27	3.79	4.94	190,367	123,182	313,549
1987-88	33,195	35,505	68,700	6.84	4.16	5.43	226,968	143,484	370,452
1988-89	34,627	34,873	69,500	6.12	2.85	4.45	213,177	96,146	309,323
1989-90	22,315	26,285	48,600	10.43	2.81	6.21	235,498	70,925	306,423
Florida grapefruit									
1984-85	14,988	29,012	44,000	5.62	2.66	3.67	84,208	77,148	161,356
1985-86	19,620	27,130	46,750	5.19	3.29	4.09	101,731	89,336	191,067
1986-87	20,938	28,862	49,800	5.89	4.32	4.98	123,342	124,778	248,120
1987-88	23,110	30,740	53,850	6.85	4.61	5.57	158,213	141,674	299,887
1988-89	23,902	30,848	54,750	6.03	3.24	4.45	144,068	99,806	243,874
1989-90	13,345	22,355	35,700	10.00	3.28	5.79	133,424	73,381	206,805
California grapefruit									
1984-85	6,200	2,600	8,800	8.19	- .45	5.64	50,732	-1,156	49,576
1985-86	5,700	2,400	8,100	8.74	- .76	5.93	49,755	-1,824	47,931
1986-87	5,850	3,450	9,300	7.71	- .64	4.62	45,039	-2,208	42,831
1987-88	6,000	3,100	9,100	7.43	- .41	4.76	44,392	-1,274	43,118
1988-89	5,500	2,500	8,000	7.79	-1.30	4.94	42,564	-3,275	39,289
1989-90	5,700	3,000	8,700	12.39	- .67	7.88	70,546	-2,040	68,506
Texas grapefruit									
1984-85	0	0	0	0	0	0	0	0	0
1985-86	200	20	220	8.89	3.53	8.40	1,778	71	1,849
1986-87	1,555	370	1,925	7.47	3.40	6.69	11,616	1,258	12,874
1987-88	2,785	1,015	3,800	6.61	3.32	5.73	18,409	3,370	21,779
1988-89	3,890	910	4,800	5.06	.57	4.21	19,683	519	20,202
1989-90	1,605	395	2,000	7.34	.56	6.00	11,781	221	12,002
Arizona grapefruit									
1984-85	2,180	1,170	3,350	6.64	- .38	4.19	14,475	- 445	14,030
1985-86	1,800	1,000	2,800	5.66	- .79	3.36	10,188	- 790	9,398
1986-87	1,740	1,010	2,750	5.96	- .64	3.54	10,370	- 646	9,724
1987-88	1,300	650	1,950	4.58	- .44	2.91	5,954	- 286	5,668
1988-89	1,335	615	1,950	5.14	-1.47	3.06	6,862	- 904	5,958
1989-90	1,665	535	2,200	11.86	-1.19	8.69	19,747	- 637	19,110

1/ 1989-90 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1989-90 1/

Crop	Utilization of production			Price per box			Value of production		
year	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida all tangerines									
1985-86	1,189	761	1,950	18.20	1.15	11.55	21,640	875	22,515
1986-87	1,462	878	2,340	16.20	2.14	10.92	23,684	1,879	25,563
1987-88	1,614	836	2,450	17.65	4.00	12.99	28,487	3,344	31,831
1988-89	1,639	1,261	2,900	19.10	4.24	12.64	31,305	5,347	36,652
1989-90	1,007	693	1,700	24.50	2.63	15.59	24,672	1,823	26,495
Florida early tangerines 2/									
1985-86	257	103	360	22.90	.77	16.57	5,885	79	5,964
1986-87	290	110	400	22.40	.86	16.48	6,496	95	6,591
1987-88	278	82	360	24.05	2.10	19.05	6,686	172	6,858
1988-89	320	130	450	22.10	1.96	16.28	7,072	255	7,327
1989-90	445	135	580	25.10	1.06	19.51	11,170	143	11,313
Florida Dancy tangerines									
1985-86	481	309	790	17.55	.64	10.94	8,442	198	8,640
1986-87	524	376	900	16.20	1.37	10.00	8,489	515	9,004
1987-88	550	390	940	15.95	2.14	10.22	8,773	835	9,608
1988-89	528	422	950	17.80	2.06	10.81	9,398	869	10,267
1989-90	347	133	480	17.80	1.75	13.35	6,177	233	6,410
Florida Honey tangerines									
1985-86	451	349	800	16.50	1.70	10.04	7,442	593	8,035
1986-87	648	392	1,040	13.40	3.24	9.57	8,683	1,270	9,953
1987-88	786	364	1,150	16.65	6.42	13.41	13,087	2,337	15,424
1988-89	791	709	1,500	18.80	5.96	12.73	14,871	4,226	19,097
1989-90	215	425	640	34.10	3.40	13.71	7,332	1,445	8,777
California tangerines									
1985-86	1,270	530	1,800	15.30	-1.38	10.39	19,431	-731	18,700
1986-87	1,632	598	2,230	13.54	- .32	9.82	22,097	-191	21,906
1987-88	1,524	566	2,090	18.92	- .38	13.69	28,834	-215	28,619
1988-89	1,475	565	2,040	16.86	.34	12.28	24,869	192	25,061
1989-90	1,320	280	1,600	19.72	1.33	16.50	26,030	372	26,402
Arizona tangerines									
1985-86	720	230	950	13.70	-1.34	10.06	9,864	-308	9,556
1986-87	725	175	900	13.14	- .32	10.52	9,527	- 56	9,471
1987-88	500	100	600	16.02	.50	13.43	8,010	50	8,060
1988-89	520	130	650	17.04	- .39	13.55	8,861	- 51	8,810
1989-90	460	140	600	18.84	1.04	14.69	8,666	146	8,812

1/ 1989-90 preliminary. 2/ Robinson variety--1985-86 through 1988-89, Robinson and Sunburst varieties--1989-90.

OTHER CITRUS, LIMES AND LEMONS: Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1989-90 1/

Crop year	Utilization of production: Fresh	Proc	Total	Price per box: Fresh	Proc	Total	Value of production: Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida tangelos									
1985-86	1,338	1,612	2,950	6.40	2.12	4.06	8,563	3,417	11,980
1986-87	1,310	2,690	4,000	5.70	2.76	3.72	7,467	7,424	14,891
1987-88	1,395	2,805	4,200	7.65	4.55	5.58	10,672	12,763	23,435
1988-89	1,348	2,452	3,800	8.25	5.25	6.31	11,121	12,873	23,994
1989-90	1,118	1,832	2,950	8.05	2.90	4.85	9,000	5,313	14,313
Florida K-Early Citrus									
1985-86	121	39	160	10.90	.89	8.46	1,319	35	1,354
1986-87	174	46	220	8.20	1.12	6.72	1,427	52	1,479
1987-88	184	56	240	10.45	1.60	8.39	1,923	90	2,013
1988-89	251	69	320	7.05	.94	5.73	1,770	65	1,835
1989-90	140	70	210	8.15	.68	5.66	1,141	48	1,189
Florida limes									
1985-86	880	845	1,725	16.50	- .98	7.94	14,520	- 828	13,692
1986-87	850	600	1,450	15.40	-1.11	8.57	13,090	- 666	12,424
1987-88	860	440	1,300	20.12	-1.84	12.69	17,303	- 810	16,493
1988-89	950	300	1,250	15.24	-1.22	11.29	14,478	- 366	14,112
1989-90	1,010	640	1,650	14.83	-2.10	8.26	14,978	- 1,344	13,634
California lemons									
1985-86	9,500	5,600	15,100	14.28	-1.18	8.55	135,660	- 6,608	129,052
1986-87	10,000	11,500	21,500	10.54	-1.18	4.27	105,400	-13,570	91,830
1987-88	10,100	6,900	17,000	13.44	-2.04	7.16	135,744	-14,076	121,668
1988-89	10,300	5,900	16,200	15.40	-1.11	9.39	158,620	- 6,549	152,071
1989-90	10,400	5,300	15,700	18.14	.09	12.05	188,656	477	189,133
Arizona lemons									
1985-86	1,890	1,210	3,100	20.96	-1.23	12.30	39,614	-1,488	38,126
1986-87	2,345	4,755	7,100	6.32	-1.08	1.36	14,820	-5,135	9,685
1987-88	1,965	1,685	3,650	12.24	-2.04	5.65	24,052	-3,437	20,615
1988-89	1,980	1,820	3,800	12.32	-1.23	5.83	24,394	-2,239	22,155
1989-90	1,827	1,073	2,900	17.48	- .11	10.97	31,936	- 118	31,818

1/ 1989-90 preliminary.

FLORIDA LEMONS: Bearing acreage, production, and season average on-tree prices for crop years 1985 through 1989

Crop year 1/	True lemons: Bearing acres	Prod	Meyer lemons: Bearing acres	Prod	All lemons: Bearing acres	Prod	Price per box	Value of prod
	1,000 acres	1,000 boxes	1,000 acres	1,000 boxes	1,000 acres	1,000 boxes	Dols	1,000 dols
1985	1.3	275	.1	55	1.4	330	16.60	5,483
1986	1.3	560	.1	60	1.4	620	2.60	1,594
1987	1.2	470	.1	40	1.3	510	5.00	2,561
1988	1.1	433	.1	47	1.2	480	5.30	2,548
1989	1.0	333	.1	42	1.1	375	6.90	2,592

1/ Crop year corresponds to calendar year.

FLORIDA GRAPEFRUIT: Production by types, by areas of production, crop years 1980-81 through 1989-90

Crop year	White seedless			Colored seedless			Seedy		
	State	Interior	Indian River	State	Interior	Indian River	State	Interior	Indian River
	1,000 boxes								
1980-81	28,400	16,000	12,400	14,600	6,700	7,900	7,300	7,100	200
1981-82	27,300	13,400	13,900	14,800	5,900	8,900	6,000	5,800	200
1982-83	21,800	11,800	10,000	12,800	5,000	7,800	4,800	4,700	100
1983-84	23,000	10,200	12,800	13,400	4,300	9,100	4,500	4,400	100
1984-85	24,800	8,600	16,200	16,300	4,200	12,100	2,900	2,800	100
1985-86	25,600	10,700	14,900	18,000	5,500	12,500	3,150	2,950	200
1986-87	26,900	10,300	16,600	20,000	5,100	14,900	2,900	2,800	100
1987-88	29,200	11,700	17,500	21,900	6,200	15,700	2,750	2,650	100
1988-89	27,700	11,400	16,300	23,700	6,700	17,000	3,350	3,250	100
1989-90	18,000	5,000	13,000	16,300	3,300	13,000	1,400	1,300	100

FLORIDA GRAPEFRUIT: Season average on-tree prices per box, by utilization of sales and areas of production, by types, crop years 1984-85 through 1989-90 1/

Crop year and area	White seedless			Colored seedless		
	Fresh	Processing	All sales	Fresh	Processing	All sales
	Dollars					
1984-85						
Interior	3.78	2.75	3.00	6.40	2.09	5.48
Indian River	4.00	2.78	3.02	6.70	2.41	4.66
State average	3.94	2.77	3.02	6.55	2.37	4.84
1985-86						
Interior	3.90	3.32	3.44	5.40	2.85	5.02
Indian River	4.40	3.33	3.66	5.80	3.23	4.91
State average	4.20	3.33	3.56	5.70	3.17	4.98
1986-87						
Interior	5.20	4.37	4.53	6.40	3.74	6.13
Indian River	4.50	4.35	4.40	6.50	4.28	5.66
State average	4.70	4.36	4.45	6.50	4.23	5.80
1987-88						
Interior	5.60	4.81	4.94	6.50	4.01	5.94
Indian River	7.20	4.79	5.63	7.00	3.81	5.90
State average	6.82	4.80	5.35	6.86	3.86	5.93
1988-89						
Interior	4.30	3.58	3.69	5.30	2.27	4.66
Indian River	6.70	3.55	4.76	6.20	2.23	4.70
State average	6.22	3.56	4.33	5.93	2.23	4.71
1989-90						
Interior	6.60	3.79	4.27	9.20	2.32	8.19
Indian River	12.00	3.58	5.65	9.80	2.47	6.12
State average	10.91	3.64	5.28	9.60	2.46	6.53

1/ 1989-90 preliminary.

FLORIDA CITRUS PRODUCTS: Annual packs of citrus and all citrus feeds, crop years 1975-76 through 1989-90

Crop year	Oranges							All citrus	
	Concentrated juice 1/		Chilled juice		Canned juice		Canned sections		
	Product	Boxes used	Product	Boxes used	Product	Boxes used	Product	Feed	Molasses
	1,000 gallons	1,000 boxes	1,000 gallons	1,000 boxes	1,000 cases 2/	1,000 boxes	1,000 cases 2/	1,000 tons	
1975-76	186,265	144,526	132,940	23,992	10,635	6,308	26	857	33
1976-77	158,035	147,772	124,550	27,243	10,767	7,429	10	1,027	30
1977-78	161,204	130,929	134,369	25,379	11,654	7,210	16	897	24
1978-79	172,985	129,123	124,953	22,793	13,222	6,511	15	886	20
1979-80	231,210	173,229	134,782	25,430	13,869	6,656	18	1,091	36
1980-81	174,537	144,322	95,700	19,640	13,012	5,994	19	988	35
1981-82	133,294	104,355	84,597	16,293	11,503	4,058	14	724	23
1982-83	169,577	114,343	104,256	18,084	9,802	2,190	35	710	26
1983-84	121,216	94,016	92,814	16,981	9,084	2,269	NA	640	36
1984-85	118,472	86,112	81,445	14,903	7,425	1,185	NA	580	35
1985-86	132,406	96,061	NA	NA	7,596	1,361	NA	610	37
1986-87	145,056	96,182	NA	NA	8,122	947	NA	601	28
1987-88	169,973	110,206	NA	NA	7,256	904	NA	697	30
1988-89	174,717	113,729	NA	NA	8,164	1,141	NA	770	24
1989-90	90,285	73,640	NA	NA	6,640	660	NA	598	28

Crop year	Concentrated juice				Canned products				
	Grapefruit		Tangerine	Blended	Grapefruit		Tangerine juice	Blended juice	Citrus salad
	Product	Boxes used	Product	Product	Juice	Segments			
	1,000 gallons	1,000 boxes	1,000 gallons		1,000 cases 2/				
1975-76	9,316	8,987	1,111	1	18,439	1,602	19	1,687	112
1976-77	1,258	3,013	926	18	18,809	1,722	35	1,308	84
1977-78	13,693	13,999	1,672	1	17,246	1,753	8	1,664	111
1978-79	14,243	13,274	1,367	3	16,764	1,823	19	1,255	76
1979-80	19,443	18,506	2,142	1	16,604	1,966	17	1,314	74
1980-81	20,763	19,490	1,175	3	14,231	1,671	9	984	79
1981-82	21,869	20,052	924	18	15,725	1,344	6	727	69
1982-83	14,483	13,977	334	1	11,651	1,235	4	650	94
1983-84	19,291	18,728	636	0	9,513	NA	0	555	NA
1984-85	24,802	22,996	285	0	10,552	NA	1	615	NA
1985-86	24,162	21,572	368	0	9,948	NA	0	577	NA
1986-87	28,875	24,143	373	0	8,982	NA	0	533	NA
1987-88	31,906	26,690	583	0	7,724	NA	0	449	NA
1988-89	32,466	26,621	495	10	7,956	NA	0	424	NA
1989-90	21,774	19,405	371	0	5,986	NA	0	334	NA

1/ 45.0 degrees Brix through 1979-80; 43.4 degrees Brix, 1980-81; 42.0 degrees Brix, 1981-82 and later seasons. 2/ Equiv. cases, 24 No.2 cans.

SOURCE: See Page 45, Data Sources, Item 3.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1985-86 through 1989-90 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
				Dollars			
Early (including Navels) and midseason oranges							
All methods of sale							
1985-86	--	4.46	4.16	3.83	3.75	3.57	3.92
1986-87	--	5.01	4.42	4.45	4.83	--	4.56
1987-88	--	7.53	6.33	6.46	6.87	8.35	6.72
1988-89	--	6.69	6.52	6.68	6.91	7.00	6.69
1989-90	--	4.96	5.50	4.78	5.34	--	5.07
Sales for fresh use							
1985-86	--	6.40	7.40	4.50	4.50	6.50	6.40
1986-87	--	6.60	6.50	4.90	4.60	--	6.10
1987-88	--	8.15	7.55	6.85	7.65	8.35	7.65
1988-89	--	8.45	7.85	6.15	5.85	6.45	7.65
1989-90	--	8.95	8.95	13.95	13.45	--	9.55
Sales for processing							
1985-86	--	2.61	3.61	3.81	3.74	3.49	3.70
1986-87	--	3.65	4.15	4.43	4.84	--	4.43
1987-88	--	6.60	6.15	6.45	6.85	8.35	6.64
1988-89	--	5.65	6.38	6.69	6.93	7.00	6.63
1989-90	--	2.75	5.10	4.65	5.15	--	4.73

Crop year	Jan	Feb	Mar	Apr	May	Jun	Season average
				Dollars			
Late (Valencia) oranges							
All methods of sale							
1985-86	--	3.86	3.49	3.78	4.20	4.23	3.97
1986-87	--	--	5.64	5.83	6.05	6.54	6.02
1987-88	--	--	8.45	8.41	8.81	9.01	8.73
1988-89	--	--	7.07	7.94	8.83	9.27	8.41
1989-90	3.77	5.27	6.31	8.48	8.57	--	6.90
Sales for fresh use							
1985-86	--	4.20	3.50	3.30	3.20	6.70	3.90
1986-87	--	--	5.40	5.60	5.90	9.80	6.30
1987-88	--	--	8.65	7.85	7.95	10.75	8.45
1988-89	--	--	6.05	6.75	8.35	12.95	7.55
1989-90	13.65	14.15	13.15	13.45	15.65	--	13.75
Sales for processing							
1985-86	--	3.74	3.49	3.81	4.24	4.04	3.98
1986-87	--	--	5.73	5.84	6.06	6.32	6.00
1987-88	--	--	8.35	8.45	8.85	8.95	8.75
1988-89	--	--	7.25	7.99	8.85	9.15	8.45
1989-90	3.65	5.05	6.05	8.35	8.45	--	6.72

1/ 1989-90 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1985-86 through 1989-90 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
					Dollars				
White seedless grapefruit									
All methods of sale									
1985-86	3.74	2.73	3.28	3.46	3.52	3.63	4.18	--	3.56
1986-87	6.08	3.37	4.01	4.30	4.41	4.54	5.08	--	4.45
1987-88	7.62	5.33	5.10	5.23	5.40	5.14	5.40	5.66	5.35
1988-89	--	4.71	4.39	4.64	4.25	4.05	4.51	4.67	4.33
1989-90	7.15	6.76	5.71	4.22	4.82	6.04	5.94	--	5.28
Sales for fresh use									
1985-86	4.50	3.21	3.49	3.70	3.80	4.50	5.30	--	4.20
1986-87	7.40	3.70	3.90	3.90	4.00	4.60	5.60	--	4.70
1987-88	8.59	5.99	6.07	5.89	7.16	6.78	6.70	7.26	6.82
1988-89	--	5.41	5.95	6.20	6.28	6.27	6.56	6.77	6.22
1989-90	10.42	10.87	8.94	11.42	12.33	10.98	9.77	--	10.91
Sales for processing									
1985-86	2.15	2.48	3.21	3.37	3.46	3.44	3.57	--	3.33
1986-87	2.97	3.12	4.04	4.41	4.52	4.53	4.62	--	4.36
1987-88	4.05	4.20	4.55	4.90	4.90	4.85	4.75	4.35	4.80
1988-89	--	3.48	3.48	3.57	3.62	3.60	3.45	3.46	3.56
1989-90	1.55	1.95	3.55	3.35	3.75	4.35	4.60	--	3.64

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
					Dollars					
Colored seedless grapefruit										
All methods of sale										
1985-86	--	5.68	4.63	4.42	4.54	4.67	5.18	5.54	5.64	4.98
1986-87	--	8.31	5.80	5.67	5.42	5.35	5.54	5.32	6.24	5.80
1987-88	--	10.50	6.91	6.37	6.02	5.71	5.40	5.00	4.87	5.93
1988-89	--	7.78	5.88	4.76	4.43	4.01	3.89	4.42	4.71	4.71
1989-90	7.52	5.36	5.20	7.59	6.07	6.34	8.30	--	--	6.53
Sales for fresh use										
1985-86	--	6.50	5.30	5.00	5.00	5.40	6.10	6.30	6.50	5.70
1986-87	--	9.80	6.50	6.30	5.90	5.80	6.10	5.70	7.00	6.50
1987-88	--	11.78	7.58	7.06	6.75	6.46	6.26	5.75	6.00	6.86
1988-89	--	10.14	7.07	5.67	5.22	4.94	5.06	5.61	6.13	5.93
1989-90	8.80	6.68	6.53	10.30	10.81	12.09	15.97	--	--	9.60
Sales for processing										
1985-86	--	2.18	2.04	2.77	3.40	3.34	3.23	3.84	3.61	3.17
1986-87	--	1.63	3.34	3.96	4.45	4.58	4.59	4.52	4.41	4.23
1987-88	--	3.55	3.60	4.00	4.25	4.35	4.15	3.65	2.70	3.86
1988-89	--	1.22	2.39	2.75	2.71	2.28	2.05	2.11	1.99	2.23
1989-90	-0.20	0.35	1.00	1.20	2.10	3.40	3.60	--	--	2.46

1/ 1989-90 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1985-86 through 1989-90 1/

Crop year	Apr	May	Jun	Jul	Aug	Sep
			Dollars			
Limes						
All methods of sale						
1985-86	26.85	8.90	1.04	-0.21	1.13	3.96
1986-87	53.05	31.36	11.57	-0.70	-0.74	6.53
1987-88	28.42	28.71	16.85	2.70	0.83	4.47
1988-89	29.80	6.80	-0.20	1.30	2.84	4.87
1989-90	8.80	5.80	0.80	0.29	1.15	4.33
Sales for fresh use						
1985-86	32.00	10.00	3.00	1.00	4.00	11.00
1986-87	81.90	45.90	14.90	-0.10	-1.10	8.30
1987-88	33.90	37.90	21.90	4.90	3.90	7.90
1988-89	29.80	6.80	-0.20	1.40	4.90	13.90
1989-90	8.80	5.80	0.80	0.90	5.90	17.90
Sales for processing						
1985-86	-1.99	-0.78	-0.78	-0.78	-0.67	-0.82
1986-87	-0.80	-1.60	-2.25	-1.05	-0.55	-0.90
1987-88	-2.15	-2.15	-2.15	-2.15	-1.40	-1.05
1988-89	--	--	--	-1.20	-1.20	-1.22
1989-90	--	--	--	-0.95	-2.00	-2.05

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
				Dollars			
Limes							
All methods of sale							
1985-86	7.28	16.58	21.93	19.78	25.04	46.62	7.94
1986-87	5.64	13.76	16.61	13.82	16.21	25.17	8.57
1987-88	3.65	11.78	34.80	43.80	41.80	39.80	12.69
1988-89	5.24	16.59	41.80	47.80	44.80	32.80	11.29
1989-90	6.24	5.69	28.80	40.80	68.80	49.80	8.26
Sales for fresh use							
1985-86	12.00	27.00	34.00	33.00	36.00	66.00	16.50
1986-87	7.90	17.90	20.90	17.90	20.90	32.90	15.40
1987-88	10.90	17.90	34.80	43.80	41.80	39.80	20.12
1988-89	14.90	18.90	41.80	47.80	44.80	32.80	15.24
1989-90	20.90	14.90	28.80	40.80	68.80	49.80	14.83
Sales for processing							
1985-86	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-0.98
1986-87	-2.40	-2.25	-2.25	-2.25	-2.25	-2.15	-1.11
1987-88	-2.40	-3.00	--	--	--	--	-1.84
1988-89	-1.23	-1.20	--	--	--	--	-1.22
1989-90	-2.65	-2.65	--	--	--	--	-2.10

1/ 1989-90 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1985-86 through 1989-90 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Season average
				Dollars		
Tangelos						
All methods of sale						
1985-86	5.97	4.61	4.10	3.71	3.04	4.06
1986-87	--	4.19	3.60	3.59	3.88	3.72
1987-88	--	6.82	5.47	5.42	4.92	5.58
1988-89	--	6.58	6.36	6.36	5.33	6.31
1989-90	--	6.34	4.91	3.78	4.90	4.85
Sales for fresh use						
1985-86	9.80	6.80	5.60	7.50	5.80	6.40
1986-87	--	6.10	5.10	6.10	6.60	5.70
1987-88	--	9.15	6.65	8.15	9.15	7.65
1988-89	--	8.25	7.25	11.15	10.65	8.25
1989-90	--	8.75	6.65	14.95	16.95	8.05
Sales for processing						
1985-86	1.98	1.93	2.23	2.13	2.13	2.12
1986-87	--	2.53	2.68	2.88	2.88	2.76
1987-88	--	3.50	4.50	4.80	4.45	4.55
1988-89	--	4.69	5.58	5.26	4.88	5.25
1989-90	--	2.20	3.40	2.30	4.60	2.90

Crop year	Sep	Oct	Nov	Season average
		Dollars		
K-Early Citrus Fruit				
All methods of sale				
1985-86	8.99	8.73	3.96	8.46
1986-87	--	7.03	3.77	6.72
1987-88	--	8.84	5.63	8.39
1988-89	--	5.85	5.33	5.73
1989-90	--	6.50	2.70	5.66
Sales for fresh use				
1985-86	10.80	11.10	7.00	10.90
1986-87	--	8.60	4.40	8.20
1987-88	--	10.75	8.15	10.45
1988-89	--	7.15	6.65	7.05
1989-90	--	8.95	3.95	8.15
Sales for processing				
1985-86	0.57	0.92	0.92	0.89
1986-87	--	1.07	1.52	1.12
1987-88	--	1.55	1.75	1.60
1988-89	--	0.90	1.01	0.94
1989-90	--	0.25	1.50	0.68

Crop year	Jan	Feb	Mar	Apr	Season average
			Dollars		
Temples					
All methods of sale					
1985-86	3.63	2.80	2.32	2.54	3.01
1986-87	4.69	3.37	3.20	3.53	3.60
1987-88	6.58	5.31	5.59	--	5.69
1988-89	6.70	5.09	5.15	5.28	5.46
1989-90	3.71	6.93	4.59	5.00	5.46
Sales for fresh use					
1985-86	6.00	[illegible].80	5.80	5.80	5.90
1986-87	5.70	4.20	4.90	6.80	5.00
1987-88	7.45	6.15	8.45	--	7.05
1988-89	7.95	5.65	7.45	7.45	7.15
1989-90	17.15	18.15	13.45	--	17.65
Sales for processing					
1985-86	1.87	1.72	1.52	1.52	1.71
1986-87	2.86	3.06	2.91	2.96	2.97
1987-88	4.40	4.90	5.05	--	4.91
1988-89	4.55	4.93	5.01	5.26	4.95
1989-90	2.50	5.00	4.30	5.00	4.05

1/ 1989-90 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box for crop years 1985-86 through 1989-90 1/

Crop year	Oct	Nov	Dec	Season average
		Dollars		
Early tangerines 2/				
All methods of sale				
1985-86	17.80	14.98	--	16.57
1986-87	17.60	16.70	11.30	16.48
1987-88	19.90	18.78	15.36	19.05
1988-89	18.51	15.51	13.97	16.28
1989-90	22.84	19.29	15.83	19.51
Sales for fresh use				
1985-86	24.60	20.70	--	22.90
1986-87	24.20	22.40	15.90	22.40
1987-88	24.75	23.75	21.75	24.05
1988-89	25.00	21.00	19.50	22.10
1989-90	29.40	24.40	21.40	25.10
Sales for processing				
1985-86	0.90	0.60	--	.77
1986-87	0.80	0.70	1.75	.86
1987-88	1.65	2.32	2.58	2.10
1988-89	1.40	2.15	2.35	1.96
1989-90	0.50	0.90	2.00	1.06

Crop year	Nov	Dec	Jan	Feb	Season average
			Dollars		
Dancy tangerines					
All methods of sale					
1985-86	14.33	11.27	6.94	--	10.94
1986-87	15.90	11.10	7.68	1.51	10.00
1987-88	17.78	11.54	7.56	2.92	10.22
1988-89	15.16	12.94	6.35	3.39	10.81
1989-90	16.93	12.99	--	--	13.35
Sales for fresh use					
1985-86	20.70	17.10	14.70	--	17.55
1986-87	22.40	16.00	14.20	--	16.20
1987-88	24.55	16.25	12.75	11.75	15.95
1988-89	21.00	19.00	13.00	13.00	17.80
1989-90	21.40	17.40	--	--	17.80
Sales for processing					
1985-86	0.60	0.54	0.83	--	.64
1986-87	0.31	1.36	1.51	1.51	1.37
1987-88	1.85	2.04	2.25	2.25	2.14
1988-89	2.50	2.15	1.92	1.97	2.06
1989-90	1.00	1.80	--	--	1.75

Crop year	Dec	Jan	Feb	Mar	Apr	May	Season average
				Dollars			
Honey tangerines							
All methods of sale							
1985-86	--	9.24	8.98	11.74	13.67	9.10	10.04
1986-87	--	9.59	9.20	8.96	13.40	--	9.57
1987-88	--	13.49	12.82	13.44	15.59	--	13.41
1988-89	--	13.32	12.61	11.60	14.55	--	12.73
1989-90	3.88	13.12	20.09	11.63	--	--	13.71
Sales for fresh use							
1985-86	--	18.10	15.30	15.90	17.00	17.10	16.50
1986-87	--	15.10	13.10	11.90	17.20	--	13.40
1987-88	--	17.75	15.75	16.25	19.75	--	16.65
1988-89	--	22.50	18.50	16.00	20.00	--	18.80
1989-90	35.40	34.40	33.40	33.90	--	--	34.10
Sales for processing							
1985-86	--	1.43	1.63	1.83	3.13	3.23	1.70
1986-87	--	3.04	3.24	3.29	3.54	--	3.24
1987-88	--	4.85	6.65	6.75	7.65	--	6.42
1988-89	--	5.71	6.00	6.11	6.11	--	5.96
1989-90	2.50	3.00	5.00	5.00	--	--	3.40

1/ 1989-90 preliminary. 2/ Robinson variety through 1988-89, Robinson and Sunburst in 1989-90.

FLORIDA CITRUS: Production by counties, areas and types, 1989-90 season

County and area	Round oranges			Grapefruit					
	Early and mid	Late Valencia	All	Seedless White	Seedless Colored	Seedy	All	Specialty fruit	All citrus 1/
	1,000 boxes								
County:									
Brevard	1,106	849	1,955	229	367	4	600	72	2,627
Broward	19	42	61	1	13	--	14	3	78
Charlotte	1,154	719	1,873	60	66	7	133	44	2,050
Collier	1,432	667	2,099	91	294	12	397	46	2,542
DeSoto	5,697	3,760	9,457	85	50	85	220	404	10,081
Glades	1,132	290	1,422	17	42	--	59	2	1,483
Hardee	7,694	2,254	9,948	54	63	41	158	357	10,463
Hendry	6,230	3,389	9,619	1,100	822	42	1,964	330	11,913
Highlands	4,624	6,534	11,158	488	114	168	770	710	12,638
Hillsborough	4,450	1,032	5,482	74	114	56	244	331	6,057
Indian River	3,362	2,442	5,804	6,195	5,468	22	11,685	319	17,808
Lake	425	148	573	15	22	8	45	232	850
Lee	953	653	1,606	67	49	7	123	18	1,747
Manatee	2,309	733	3,042	112	201	184	497	299	3,838
Martin	3,564	3,850	7,414	1,437	539	14	1,990	238	9,642
Okeechobee	962	318	1,280	186	106	3	295	36	1,611
Orange	582	284	866	8	12	7	27	133	1,026
Osceola	2,400	903	3,303	96	77	15	188	183	3,674
Palm Beach	1,763	795	2,558	699	571	4	1,274	343	4,175
Pasco	257	41	298	3	3	--	6	21	325
Pinellas	8	16	24	3	1	10	14	10	48
Polk	12,957	8,546	21,503	1,255	632	648	2,535	1,308	25,346
St. Lucie	4,599	3,649	8,248	5,653	6,623	60	12,336	724	21,308
Sarasota	229	115	344	46	32	3	81	61	486
Seminole	95	27	122	--	--	--	--	31	153
Volusia	81	42	123	26	18	--	44	5	172
Other 2/	16	2	18	--	1	--	1	--	19
State total	68,100	42,100	110,200	18,000	16,300	1,400	35,700	6,260	152,160
Area:									
Indian River District	9,791	8,133	17,924	13,000	13,000	100	26,100	1,184	45,208
Northern	1,385	503	1,888	26	38	15	79	417	2,384
Central	19,791	15,956	35,747	1,814	814	831	3,459	2,195	41,401
Western	20,387	7,910	28,297	374	461	379	1,214	1,462	30,973
Southern	16,746	9,598	26,344	2,786	1,987	75	4,848	1,002	32,194
State total	68,100	42,100	110,200	18,000	16,300	1,400	35,700	6,260	152,160

1/ Excludes limes and lemons.

2/ Citrus, Hernando, Marion, Putnam, and Sumter counties.

FLORIDA CITRUS: Total acreage by counties and types of fruit as of January 1, 1990

County	Round oranges			Grapefruit				Specialty fruit 2/	All citrus
	Early and mid	Late Valencia	All 1/	Seedless White	Seedless Colored	Seedy	All 1/		
	Acres								
Brevard	4,275	3,534	8,098	594	1,234	61	1,983	438	10,519
Broward	132	314	446	1	115	2	118	25	589
Charlotte	4,987	5,256	10,405	258	551	37	846	467	11,718
Citrus	58	2	82	0	14	0	14	7	103
Collier	9,677	10,525	20,380	705	1,266	83	2,054	1,131	23,565
Dade	0	0	0	0	0	0	0	6,074	6,074
DeSoto	23,177	21,820	49,662	404	443	386	1,299	1,623	52,584
Glades	4,598	2,324	7,190	42	176	0	218	115	7,523
Hardee	32,035	13,309	48,446	250	416	186	912	1,711	51,069
Hendry	28,493	29,868	62,167	3,306	3,742	213	7,605	3,982	73,754
Hernando	234	2	596	0	0	0	0	2	598
Highlands	17,133	29,822	49,728	2,031	632	1,033	3,745	3,575	57,048
Hillsborough	16,439	5,782	23,891	344	384	245	1,024	1,092	26,007
Indian River	15,013	13,988	29,801	16,400	16,093	128	34,260	2,055	66,116
Lake	5,505	2,047	11,616	80	304	54	735	1,609	13,960
Lee	3,696	4,205	8,339	245	319	45	610	743	9,692
Manatee	10,768	5,537	17,584	462	693	729	1,934	813	20,331
Marion	207	17	264	0	2	0	2	11	277
Martin	14,677	23,201	39,779	3,671	1,315	42	5,119	1,385	46,283
Okeechobee	4,824	2,431	7,369	611	277	18	907	265	8,541
Orange	3,957	2,454	7,427	47	110	45	226	746	8,399
Osceola	7,926	4,272	13,522	701	617	61	1,559	1,020	16,101
Palm Beach	5,721	4,102	9,875	1,646	1,514	21	3,181	2,489	15,545
Pasco	4,330	506	6,570	32	27	5	163	204	6,937
Pinellas	46	80	128	16	2	43	61	29	218
Polk	35,519	35,935	81,578	4,824	2,925	3,635	12,619	5,521	99,718
Putnam	18	0	20	0	0	0	0	0	20
St. Lucie	19,366	24,010	46,444	15,405	24,283	213	43,518	4,916	94,878
Sarasota	739	733	1,503	169	248	10	429	195	2,127
Seminole	592	161	887	0	1	1	2	135	1,024
Sumter	5	0	5	0	1	0	1	0	6
Volusia	549	246	1,007	70	58	4	156	35	1,198
State total	274,696	246,483	564,809	52,314	57,762	7,300	125,300	42,413	732,522

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons surveyed as of November 1990.

FLORIDA CITRUS: Total trees by counties and types of fruit as of January 1, 1990

County	Round oranges			Grapefruit				Specialty fruit 2/	All citrus
	Early and mid	Late Valencia	All 1/	Seedless White	Seedless Colored	Seedy	All 1/		
	1,000 trees								
Brevard	431.6	399.2	858.9	47.9	89.3	4.7	152.7	33.7	1,045.3
Broward	9.8	22.3	32.1	0.1	6.9	0.1	7.1	1.7	40.9
Charlotte	513.6	582.8	1,114.4	21.8	46.7	3.2	71.7	55.3	1,241.4
Citrus	6.1	0.4	8.6	0.0	1.7	0.0	1.7	0.6	10.9
Collier	1,351.6	1,448.8	2,826.7	70.1	143.9	9.7	223.7	153.7	3,204.1
Dade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	963.5	963.5
DeSoto	2,667.5	2,600.0	5,942.5	31.6	44.5	36.6	122.7	191.5	6,256.7
Glades	506.1	264.4	849.3	4.6	17.3	0.0	21.9	18.8	890.0
Hardee	3,173.3	1,211.7	4,779.4	22.6	42.2	13.2	84.5	202.7	5,066.6
Hendry	4,053.5	4,346.6	8,949.2	357.6	452.6	23.7	879.5	559.2	10,387.9
Hernando	26.8	0.4	73.6	0.0	0.0	0.0	0.0	0.3	73.9
Highlands	1,982.4	3,124.8	5,498.6	164.4	52.1	76.4	298.2	372.8	6,169.6
Hillsborough	1,455.9	513.2	2,161.6	26.4	33.1	17.8	82.3	129.5	2,373.4
Indian River	1,511.5	1,404.4	3,013.4	1,303.8	1,495.3	10.7	2,996.5	214.8	6,224.7
Lake	649.0	225.4	1,399.5	7.8	33.8	4.8	79.7	186.3	1,665.5
Lee	427.6	526.5	1,013.1	21.6	39.7	4.1	65.5	90.7	1,169.3
Manatee	1,089.8	545.4	1,809.6	38.5	64.1	63.0	171.1	75.5	2,056.2
Marion	23.4	2.0	29.7	0.0	0.3	0.0	0.4	1.5	31.6
Martin	1,739.3	2,669.9	4,645.5	331.9	119.2	3.7	463.7	164.3	5,273.5
Okeechobee	488.2	223.3	726.3	48.7	24.4	1.3	74.5	22.6	823.4
Orange	386.1	196.7	704.6	3.4	8.5	3.8	18.3	67.2	790.1
Osceola	774.5	414.4	1,349.5	66.4	53.9	4.7	146.0	104.2	1,599.7
Palm Beach	657.6	493.3	1,159.3	168.3	150.7	2.2	321.2	267.8	1,748.3
Pasco	544.3	63.4	824.8	2.7	3.3	0.3	15.4	22.6	862.8
Pinellas	3.7	6.2	10.1	1.0	0.2	3.1	4.3	2.8	17.2
Polk	3,323.2	3,058.8	7,554.6	335.6	222.5	243.6	902.4	580.2	9,037.2
Putnam	2.7	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
St. Lucie	2,027.4	2,523.2	4,953.1	1,239.9	2,251.6	15.6	3,929.5	519.8	9,402.4
Sarasota	73.0	74.3	152.1	16.2	27.0	1.0	44.4	21.5	218.0
Seminole	51.7	14.1	79.4	0.0	0.1	0.1	0.2	8.6	88.2
Sumter	0.5	0.0	0.5	0.0	0.1	0.0	0.1	0.0	0.6
Volusia	52.4	18.8	90.4	5.5	5.9	0.3	14.0	2.4	106.8
State total	30,004.1	26,974.7	62,613.4	4,338.4	5,430.9	547.7	11,193.2	5,036.1	78,842.7

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons surveyed as of November 1990.

OTHER STATES' CITRUS: Acreage by states, types, and age groups

Arizona 1/

Type	Central	Western	Total
		Acres	
Valencia	2,500	4,000	6,500
Navel and sweets	3,570	330	3,900
White grapefruit	1,900	250	2,150
Red blush grapefruit	2,100	2,250	4,350
Lemons	1,500	14,000	15,500
Tangerine types	1,900	1,700	3,600
Total	13,470	22,530	36,000

California 2/

Year set	Navel and other oranges	Valencia oranges	White grapefruit	Red grapefruit	Lemons	Limes	Tangelos and Tangors	Tangerines	All citrus
					Acres				
Pre-1978	98,628	63,066	5,195	11,513	236	676	3,904	1,968	229,186
1978	613	174	28	403	489	94	95	207	2,103
1979	482	481	20	379	605	57	70	192	2,286
1980	699	753	5	216	391	61	131	88	2,344
1981	664	413	21	233	876	40	39	155	2,441
1982	772	387	86	581	596	38	49	251	2,760
1983	861	1,085	34	159	143	9	9	104	2,404
1984	1,517	1,404	8	265	129	2	14	62	3,401
1985	1,718	1,449	61	74	38	1	70	153	3,564
1986	2,797	1,254	42	282	169	2	75	116	4,737
1987	2,624	491	40	538	376	0	143	254	4,466
1988	2,302	841	64	413	30	0	21	217	3,888
1989	1,440	1,456	117	91	362	0	135	131	3,732
Total	115,117	73,254	5,721	15,147	48,440	980	4,755	3,898	267,312

Texas 3/

Age in years	Oranges			Grapefruit				Other 5/	All citrus
	Early and mids	Valencia	Total	Ruby Red	Redder varieties 4/	Other	Total		
					Acres				
1 TO 3	1,990	110	2,100	480	3,010	10	3,500	--	5,600
4 TO 7	2,560	540	3,100	1,200	2,240	130	3,570	--	6,670
8 TO 11	650	110	760	2,490	400	40	2,930	--	3,690
12+	4,460	3,580	8,040	9,060	910	430	10,400	--	18,440
Total	9,660	4,340	14,000	13,230	6,560	610	20,400	100	34,500

1/ 1988-89 harvested acres. 2/ Acreage as of 1989. 3/ Acreage as of January 1, 1989. 4/ Includes Star Ruby, Henderson/Ray and Rio Red. 5/ Includes lemons, limes, tangelos and tangerines.

SOURCES: See Page 45, Data Sources, Item 4.

ORANGES AND TANGERINES: Orange receipts at 19 U.S. cities and 5 Canadian cities; tangerine receipts at 18 U.S. cities, September 1, 1989 through July 31, 1990, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail & boat	Truck	Rail & boat	Truck
Oranges						1,000 cartons						
U.S.cities:												
Atlanta	--	417	--	401	--	10	--	--	--	--	--	828
Baltimore-Washington	41	210	227	965	3	8	--	--	--	--	271	1,183
Boston	43	157	1,539	560	4	2	--	--	--	27	1,586	746
Buffalo	--	24	--	345	--	--	--	--	--	--	--	369
Chicago	--	606	3,913	1,890	5	2	--	--	--	3	3,918	2,501
Cincinnati	--	77	65	633	--	--	--	2	--	--	65	712
Columbia	--	101	--	43	--	--	--	1	--	--	--	145
Dallas	--	--	--	457	--	53	--	45	--	2	--	557
Denver	--	20	--	138	--	--	--	8	--	--	--	166
Detroit	--	114	--	555	--	--	--	--	--	--	--	669
Los Angeles	--	17	--	3,296	--	33	--	58	--	17	--	3,421
Miami	--	211	21	168	--	--	--	--	--	--	21	379
New Orleans	--	27	--	432	--	22	--	15	--	5	--	501
New York-Newark	422	221	2,480	466	17	2	--	--	--	--	2,919	689
Philadelphia	113	177	708	899	21	1	--	--	--	3	842	1,080
Pittsburgh	--	42	102	587	1	1	--	--	--	2	103	632
St. Louis	--	39	5	602	--	--	--	2	--	1	5	644
San Francisco-Oakland	--	63	--	2,589	--	7	--	131	--	58	--	2,848
Seattle-Tacoma	--	9	--	1,152	--	72	--	6	--	1	--	1,240
Total	619	2,532	9,060	16,178	51	213	--	268	--	119	9,730	19,310
Canadian cities:												
Montreal	--	170	896	381	11	--	--	--	1	256	908	807
Ottawa	--	--	--	--	--	--	--	--	--	--	--	--
Toronto	--	126	277	1,422	--	8	--	--	--	81	277	1,637
Vancouver	--	38	36	937	--	35	--	3	--	29	36	1,042
Winnipeg	--	5	--	300	--	4	--	9	--	26	--	344
Total	--	339	1,209	3,040	11	47	--	12	1	392	1,221	3,830
Tangerines												
U.S. cities:												
Atlanta	--	89	--	6	--	3	--	--	--	3	--	101
Baltimore-Washington	10	63	--	3	--	--	--	--	--	17	10	83
Boston	2	100	--	8	--	--	--	--	--	3	2	111
Buffalo	--	12	--	--	--	--	--	--	--	5	--	17
Chicago	--	73	10	28	--	2	--	--	--	18	10	121
Cincinnati	--	22	--	1	--	--	--	--	--	17	--	40
Columbia	--	11	--	--	--	--	--	--	--	1	--	12
Dallas	--	--	--	10	--	2	--	--	--	7	--	19
Denver	--	1	--	2	--	--	--	--	--	10	--	13
Detroit	--	45	--	7	--	--	--	--	--	15	--	67
Los Angeles	--	11	--	153	--	19	--	--	--	6	--	189
Miami	--	--	--	--	--	--	--	--	--	--	--	--
New Orleans	--	4	--	27	--	5	--	--	--	18	--	54
New York-Newark	39	14	--	8	--	--	--	--	--	--	39	22
Philadelphia	6	49	--	3	--	--	--	--	--	8	6	60
Pittsburgh	--	19	--	4	--	--	--	--	--	9	--	32
St. Louis	--	11	--	--	--	--	--	--	--	7	--	18
San Francisco-Oakland	--	10	--	217	--	1	--	--	--	10	--	238
Seattle-Tacoma	--	6	--	56	--	3	--	--	--	6	--	71
Total	57	540	10	533	--	35	--	--	--	160	67	1,268

1/ Principal source of receipts of oranges at U.S. cities were Central America, Israel, South Africa, Mexico, Australia. Principal source of receipts of tangerines at U.S. cities were Mexico and Spain.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT, TANGELOS AND TEMPLES: Grapefruit receipts at 19 U.S. cities and 5 Canadian cities; tangelo and Temple receipts at 16 U.S. cities, September 1, 1989 through July 31, 1990, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail & boat	Truck	Rail & boat	Truck
							1,000 cartons					
Grapefruit												
U.S.cities:												
Atlanta	--	183	--	59	--	9	--	2	--	--	--	253
Baltimore-Washington	43	418	9	105	--	2	--	--	--	--	52	525
Boston	66	506	24	97	--	1	--	--	--	8	90	612
Buffalo	--	81	--	25	--	1	--	--	--	--	--	107
Chicago	1	530	253	183	21	11	--	20	--	1	275	745
Cincinnati	--	174	3	93	--	1	--	13	--	--	3	281
Columbia	--	32	--	5	--	--	--	1	--	--	--	38
Dallas	--	--	--	67	--	29	--	61	--	--	--	157
Denver	--	79	--	34	--	--	--	9	--	--	--	122
Detroit	--	241	--	73	--	1	--	5	--	--	--	320
Los Angeles	--	175	--	536	--	62	--	75	--	1	--	849
Miami	--	178	--	39	--	1	--	--	--	--	--	218
New Orleans	--	14	--	54	--	29	--	11	--	--	--	108
New York-Newark	504	149	52	137	3	--	--	--	--	--	559	286
Philadelphia	180	339	19	66	3	7	--	2	--	3	202	417
Pittsburgh	--	195	--	46	--	--	--	--	--	--	--	241
St. Louis	--	199	--	48	--	2	--	17	--	--	--	266
San Francisco-Oakland	--	58	--	521	--	6	--	115	--	6	--	706
Seattle-Tacoma	--	114	--	167	--	26	--	34	--	--	--	341
Total	794	3,665	360	2,355	27	188	--	365	--	19	1,181	6,592
Canadian cities:												
Montreal	--	615	6	19	--	1	--	--	--	3	6	638
Ottawa	--	--	--	--	--	--	--	--	--	--	--	--
Toronto	--	1,110	--	48	--	--	--	--	--	11	--	1,169
Vancouver	--	117	--	151	--	15	--	1	2	3	2	287
Winnipeg	--	71	--	35	--	1	--	8	--	1	--	116
Total	--	1,913	6	253	--	17	--	9	2	18	8	2,210

City	Tangelos - Truck					Temples - Truck		
	Florida	Arizona & California	Texas	Mexico	Total	Florida	Other	Total
					1,000 cartons			
U.S. cities:								
Atlanta	35	2	--	--	37	--	--	--
Baltimore-Washington	37	10	--	--	47	7	--	7
Boston	18	8	--	--	26	4	--	4
Buffalo	8	--	--	--	8	2	--	2
Chicago	28	16	--	--	44	7	--	7
Cincinnati	30	13	--	--	43	1	--	1
Columbia	3	--	--	--	3	--	--	--
Dallas	--	10	--	--	10	--	--	--
Denver	--	--	--	--	--	--	--	--
Detroit	19	10	--	--	29	3	--	3
Los Angeles	--	63	--	--	63	--	--	--
Miami	--	--	--	--	--	--	--	--
New Orleans	--	3	--	--	3	--	--	--
New York-Newark	3	17	--	--	20	5	--	5
Philadelphia	26	18	--	--	44	4	--	4
Pittsburgh	16	3	--	--	19	1	--	1
St. Louis	14	3	--	--	17	1	--	1
San Francisco-Oakland	2	46	--	--	48	--	--	--
Seattle-Tacoma	2	6	--	--	8	--	--	--
Total	241	228	--	--	469	35	--	35

1/ Principal source of receipts of grapefruit at U.S. cities were Central America, Israel, South Africa, Mexico,Australia.

Source: See Page 45, Data Sources, Item 5.

ORANGES: Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Florida						1,000 cartons							
1985-86	24	962	2,219	4,399	1,724	1,543	1,705	1,955	1,522	562	212	6	16,833
1986-87	19	803	2,321	4,474	1,770	1,455	1,468	1,734	1,756	646	153	2	16,601
1987-88	7	516	2,490	4,677	1,881	1,620	1,666	1,983	1,953	791	142	15	17,741
1988-89	2	748	2,504	4,455	1,380	1,298	1,411	1,439	1,281	492	98	40	15,148
1989-90 1/	71	980	2,187	3,891	938	629	592	453	216	43	--	15	10,015
Arizona													
1985-86	--	1	245	378	130	25	447	633	650	130	22	--	2,661
1986-87	--	65	607	286	225	125	338	573	746	222	34	--	3,221
1987-88	--	14	355	403	198	31	171	583	395	45	1	--	2,196
1988-89	--	2	246	373	133	55	146	230	437	215	64	6	1,907
1989-90	--	6	164	259	118	30	261	243	338	262	5	--	1,686
California 2/													
1985-86	3,627	4,102	7,335	7,249	7,345	7,763	11,301	9,261	7,953	3,872	2,938	46	72,792
1986-87	3,111	4,514	7,005	6,825	8,252	7,108	8,116	8,312	8,880	3,698	2,386	2,751	70,958
1987-88	4,142	4,223	4,712	7,520	8,774	7,557	8,927	10,130	5,767	3,467	3,241	3,226	71,686
1988-89	3,830	3,948	4,011	8,655	7,164	8,195	8,899	10,582	6,315	3,892	4,022	2,599	72,112
1989-90	3,890	3,385	5,254	7,749	7,042	7,181	8,560	7,446	6,733	5,368	3,103	2,717	68,428
Texas													
1985-86	--	--	68	212	124	66	2	--	--	--	--	--	472
1986-87	--	79	169	349	416	222	181	51	--	--	--	--	1,467
1987-88	--	85	279	514	389	566	281	57	6	--	2	--	2,179
1988-89	--	237	288	640	550	419	492	118	--	--	--	--	2,744
1989-90	--	157	363	662	6	--	--	--	--	--	--	--	1,188
Mexico 3/													
1985-86	--	--	--	1	15	28	7	10	2	--	--	--	63
1986-87	--	12	59	92	132	112	84	113	16	3	--	--	623
1987-88	--	29	43	37	71	126	90	81	8	--	--	--	485
1988-89	--	41	11	4	12	9	15	11	--	--	--	--	103
1989-90	1	7	1	15	90	59	13	--	--	--	--	--	186
Other countries 4/													
1985-86	110	141	72	5	30	70	93	170	145	--	--	--	836
1986-87	2	5	7	43	116	213	58	50	53	3	--	--	550
1987-88	5	4	186	157	31	92	43	82	76	--	--	1	677
1988-89	1	10	35	36	33	12	31	56	62	41	--	--	317
1989-90	3	1	8	10	7	12	132	68	40	4	36	26	347
Total													
1985-86	3,761	5,206	9,939	12,244	9,368	9,495	13,555	12,029	10,272	4,564	3,172	52	93,657
1986-87	3,132	5,478	10,168	12,069	10,911	9,235	10,245	10,833	11,451	4,572	2,573	2,753	93,420
1987-88	4,154	4,871	8,065	13,308	11,344	9,992	11,178	12,916	8,205	4,303	3,386	3,242	94,964
1988-89	3,833	4,986	7,095	14,163	9,272	9,988	10,994	12,436	8,095	4,640	4,184	2,645	92,331
1989-90	3,965	4,536	7,977	12,586	8,201	7,911	9,558	8,210	7,327	5,677	3,144	2,758	81,850

1/ August shipments 1990-91 season. 2/ Includes small quantity tangelos and tangerines. 3/ See page 35 for footnote.
4/ Central America, Dominican Republic, Israel, Italy, Morocco, South Africa, Spain, West Indies.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT: Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Florida						1,000 cartons							
1985-86	352	2,804	4,196	4,407	4,000	3,804	3,824	3,241	1,458	213	8	--	28,307
1986-87	172	2,674	3,105	4,228	3,679	3,381	3,290	2,725	1,490	353	9	1	25,107
1987-88	5	1,774	2,920	3,995	3,026	3,032	3,475	2,996	2,283	574	39	94	24,213
1988-89	47	1,709	2,815	3,694	2,671	3,007	3,318	2,841	1,948	635	31	2	22,718
1989-90 1/	578	2,620	2,521	3,345	2,012	1,964	1,342	398	21	2	--	40	14,843
Arizona													
1985-86	--	--	--	--	--	--	17	6	48	29	--	--	100
1986-87	--	--	--	--	--	--	--	12	68	23	--	--	103
1987-88	--	--	--	--	3	--	--	8	20	61	2	--	94
1988-89	--	--	--	--	10	--	12	2	26	10	3	--	63
1989-90	--	--	--	9	1	1	6	15	34	--	1	--	67
California													
1985-86	88	4	1	--	--	7	22	45	69	229	300	11	776
1986-87	59	5	3	--	--	5	6	8	124	131	190	58	589
1987-88	96	10	--	--	--	2	3	8	8	80	196	110	513
1988-89	79	2	--	--	13	22	10	8	16	50	163	127	490
1989-90	22	--	2	4	22	22	13	13	57	91	79	70	395
Texas													
1985-86	--	--	61	211	55	5	--	--	--	--	--	--	332
1986-87	--	100	339	569	817	751	194	43	20	--	--	--	2,833
1987-88	--	113	579	898	1,036	1,066	874	397	88	4	--	--	5,055
1988-89	--	428	1,032	1,371	1,397	1,333	1,202	133	--	--	--	--	6,896
1989-90	--	277	812	1,528	34	--	--	--	--	--	--	--	2,651
Mexico 2/													
1985-86	1	--	--	2	1	1	1	--	--	--	--	--	6
1986-87	--	--	--	1	--	--	1	1	--	--	--	1	4
1987-88	6	--	--	1	--	--	--	--	--	--	--	--	7
1988-89	--	--	--	--	--	--	--	--	--	--	--	4	4
1989-90	12	--	--	--	1	--	--	--	--	--	--	--	13
Other countries													
1985-86	20	--	7	4	9	14	2	--	--	--	--	--	56
1986-87	2	3	--	1	49	33	9	--	--	--	--	--	97
1987-88	--	3	32	63	68	58	33	17	6	--	--	--	280
1988-89	--	4	126	24	24	18	7	2	3	4	--	--	212
1989-90	--	20	42	44	33	44	2	50	8	--	1	--	244
Total													
1985-86	461	2,808	4,265	4,624	4,065	3,831	3,866	3,292	1,575	471	308	11	29,577
1986-87	233	2,782	3,447	4,799	4,545	4,170	3,500	2,789	1,702	507	199	60	28,733
1987-88	107	1,900	3,531	4,957	4,133	4,158	4,385	3,426	2,405	719	237	204	30,162
1988-89	126	2,143	3,973	5,089	4,115	4,380	4,549	2,986	1,993	699	197	133	30,383
1989-90	612	2,917	3,377	4,930	2,103	2,031	1,363	476	120	93	81	110	18,213

1/ August shipments 1990-91 season. 2/ See page 35 for footnote.

Source: See Page 45, Data Sources, Item 5.

TANGERINES,TANGELOS,TEMPLES AND K-EARLY: Total fresh shipments in U.S.and to Canada by states of origin and imports to U.S., monthly for crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Tangerines						1,000 cartons							
Florida													
1985-86	6	257	455	594	387	258	266	75	19	1	--	--	2,318
1986-87	2	190	421	671	475	492	410	107	15	3	1	--	2,787
1987-88	--	180	383	729	531	559	504	208	9	--	--	--	3,103
1988-89	--	158	497	811	497	486	432	156	19	3	--	--	3,059
1989-90	3	195	548	710	220	98	15	--	--	--	--	--	1,789
Arizona													
1985-86	--	--	--	--	10	30	21	3	--	--	--	--	64
1986-87	--	--	--	3	12	14	5	--	--	--	--	--	34
1987-88	--	--	--	--	2	34	20	--	--	--	--	--	56
1988-89	--	--	--	2	7	10	7	--	--	--	--	--	26
1989-90	--	--	--	4	1	1	--	--	--	--	--	--	6
Texas													
1985-86	--	--	--	1	--	--	--	--	--	--	--	--	1
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	--	--	--	--	--	--	--	--	--
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
Mexico 1/													
1985-86	--	--	30	40	19	2	--	--	--	--	--	--	91
1986-87	--	64	126	197	20	12	3	--	--	--	--	--	422
1987-88	--	74	266	274	89	9	--	--	--	--	--	--	712
1988-89	--	121	224	277	62	8	--	--	--	--	--	--	692
1989-90	--	93	208	226	85	2	--	--	--	--	--	--	614
Tangelos: Florida													
1985-86	--	88	645	1,281	448	75	16	8	2	--	--	--	2,563
1986-87	--	47	549	1,195	523	112	17	5	9	1	1	--	2,459
1987-88	--	46	537	1,283	495	80	2	--	--	--	--	--	2,443
1988-89	--	15	594	1,270	425	32	1	1	--	--	--	--	2,338
1989-90	--	23	525	1,190	161	5	--	--	--	--	--	--	1,904
Temples: Florida													
1985-86	--	--	--	34	919	493	218	51	6	--	1	--	1,722
1986-87	--	--	--	2	888	758	238	15	12	3	1	1	1,918
1987-88	--	--	--	55	959	982	290	9	--	--	--	--	2,295
1988-89	--	--	--	55	793	498	146	5	--	--	--	--	1,497
1989-90	--	--	--	2	46	155	10	--	--	--	--	--	213
K-Early: Florida													
1985-86	--	196	17	--	--	--	--	--	--	--	--	--	213
1986-87	10	301	25	1	--	--	--	--	--	--	--	--	337
1987-88	4	317	37	--	--	--	--	--	--	--	--	--	358
1988-89	--	370	139	93	--	--	--	--	--	--	--	--	602
1989-90 2/	4	208	50	--	--	--	--	--	--	--	--	14	276

1/ See page 35 for footnote. 2/ August shipments 1990-91 season.

Source: See Page 45, Data Sources, Item 5.

MIXED RAIL CITRUS: Total fresh shipments in U.S. and to Canada by states of origin monthly for crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
						1,000 cartons							
Florida													
1985-86	--	--	--	--	--	--	--	--	79	11	2	--	92
1986-87	--	--	--	--	--	--	--	--	--	12	2	--	14
1987-88	--	12	2	--	--	--	--	--	--	--	--	--	14
1988-89	--	--	--	--	--	--	--	--	--	--	--	7	7
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
Arizona													
1985-86	--	--	2	2	6	1	--	3	12	2	--	--	28
1986-87	--	6	18	4	22	2	3	2	16	5	2	--	80
1987-88	--	--	11	4	11	--	3	6	4	2	--	--	41
1988-89	--	--	7	7	2	--	2	2	--	2	2	--	24
1989-90	--	--	3	--	1	--	1	3	5	--	--	--	13
California													
1985-86	21	6	9	12	66	79	79	45	71	73	81	5	547
1986-87	--	--	20	15	52	83	118	98	85	76	51	5	603
1987-88	28	10	4	8	34	65	41	13	29	66	63	59	420
1988-89	30	8	3	8	18	29	62	30	24	28	61	26	327
1989-90	3	4	5	11	6	15	20	17	13	21	27	27	169
Texas													
1985-86	--	--	--	--	--	--	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	3	--	--	--	--	--	--	--	3
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
Total													
1985-86	21	6	11	14	72	80	79	48	162	86	83	5	667
1986-87	--	6	38	19	74	85	121	100	101	93	55	5	697
1987-88	28	22	17	12	48	65	44	19	33	68	63	59	478
1988-89	30	8	10	15	20	29	64	32	24	30	63	33	358
1989-90	3	4	8	11	7	15	21	20	18	21	27	27	182

Source: See Page 45, Data Sources, Item 5.

Footnote 3/ for page 32, 2/ for page 33, and 1/ for page 34. Final Mexican shipments to the U.S. are reported by FAS as a combined total for oranges and tangerines. The totals shown on pages 32 through 34 have been broken down proportionally into oranges and tangerines from Plant Quarantine data reported at the time of the crossing. Plant Quarantine releases give separate totals for these two types of citrus. Mexican shipments through the U.S. to Canada are not included.

ORANGES, TANGELOS AND TEMPLES: Total fresh shipments exported by states of origin, monthly for crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
							1,000 cartons						
Oranges													
Florida 1/													
1985-86	--	--	--	--	--	4	58	105	30	--	--	--	197
1986-87	--	--	--	2	--	--	18	224	278	--	--	--	522
1987-88	--	--	8	10	--	--	20	38	57	7	--	--	140
1988-89	--	--	9	5	--	2	41	70	28	--	--	--	155
1989-90	--	48	187	191	63	33	37	18	2	--	--	--	579
Arizona													
1985-86	--	--	--	16	--	3	403	255	98	24	--	--	799
1986-87	--	7	25	13	19	79	384	383	104	1	--	--	1,015
1987-88	--	--	23	13	3	6	406	422	81	6	--	--	960
1988-89	--	--	18	15	6	--	321	236	78	13	--	--	687
1989-90	--	--	2	2	2	--	--	2	17	20	--	--	45
California													
1985-86	1,230	1,125	1,164	832	1,418	1,104	1,402	1,735	2,704	2,153	1,671	5	16,543
1986-87	680	691	1,194	855	1,289	1,499	1,213	1,409	3,331	1,960	1,798	1,060	16,979
1987-88	969	587	595	738	1,550	896	1,022	1,808	2,838	1,999	1,344	1,215	15,561
1988-89	1,068	906	637	1,115	1,582	1,192	1,542	2,113	2,409	2,053	2,051	1,411	18,079
1989-90	1,019	732	1,147	1,325	1,406	1,365	2,462	1,850	3,322	3,116	1,248	1,130	20,122
Total 2/													
1985-86	1,230	1,125	1,164	848	1,418	1,111	1,863	2,095	2,832	2,177	1,671	5	17,539
1986-87	680	698	1,219	870	1,308	1,578	1,615	2,016	3,713	1,961	1,798	1,060	18,516
1987-88	969	587	626	761	1,553	902	1,448	2,268	2,976	2,012	1,344	1,215	16,661
1988-89	1,068	906	664	1,135	1,588	1,194	1,904	2,419	2,515	2,066	2,051	1,411	18,921
1989-90	1,019	780	1,336	1,518	1,471	1,398	2,499	1,870	3,341	3,136	1,248	1,130	20,746
Tangelos: Florida 1/													
1985-86	--	--	--	--	--	--	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	1	--	--	--	--	--	--	--	1
1988-89	--	--	--	1	1	--	--	--	--	--	--	--	2
1989-90	--	--	27	21	9	--	--	--	--	--	--	--	57
Temples: Florida 1/													
1985-86	--	--	--	--	--	--	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	2	38	12	--	--	--	--	--	52
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	11	2	--	--	--	--	--	13

1/ Beginning with 1989-90, includes shipments to Canada and Mexico. 2/ Includes small quantity from Texas.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT AND TANGERINES: Total fresh shipments exported by states of origin, monthly for crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
						1,000 cartons							
Grapefruit													
Florida 1/													
1985-86	63	1,675	780	762	1,900	1,551	2,369	1,770	199	--	--	--	11,069
1986-87	8	1,520	1,497	923	2,073	3,117	3,085	2,588	508	33	--	--	15,352
1987-88	--	1,180	1,560	1,478	2,924	3,479	4,052	3,943	1,582	7	--	--	20,205
1988-89	14	994	1,868	1,544	3,198	4,134	4,728	4,442	2,197	123	--	1	23,243
1989-90 2/	451	2,083	2,065	1,681	1,274	1,913	1,575	264	2	--	--	30	11,338
Arizona													
1985-86	--	--	5	--	5	--	--	--	8	--	2	--	20
1986-87	--	--	--	--	3	--	5	--	5	--	--	--	13
1987-88	--	--	--	--	--	--	--	--	3	5	--	--	8
1988-89	--	--	--	--	--	--	--	--	3	3	--	--	6
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
California													
1985-86	3	--	3	--	--	3	--	--	8	30	40	--	87
1986-87	--	--	--	--	3	--	--	--	--	3	--	--	6
1987-88	3	--	--	--	--	--	--	--	3	--	8	--	14
1988-89	--	--	--	--	--	--	--	--	--	--	5	--	5
1989-90	2	--	--	--	--	--	--	--	--	--	--	--	2
Texas													
1985-86	--	--	--	1	--	--	--	--	--	--	--	--	1
1986-87	--	--	2	--	--	--	--	--	--	--	--	--	2
1987-88	--	9	84	6	26	53	7	--	--	--	--	--	185
1988-89	--	26	67	65	48	79	11	1	--	--	--	--	297
1989-90	--	5	47	214	34	--	--	--	--	--	--	--	300
Total													
1985-86	66	1,675	788	763	1,905	1,554	2,369	1,770	215	30	42	--	11,177
1986-87	8	1,520	1,499	923	2,079	3,117	3,090	2,588	513	36	--	--	15,373
1987-88	3	1,189	1,644	1,484	2,950	3,532	4,059	3,943	1,588	12	8	--	20,412
1988-89	14	1,020	1,935	1,609	3,246	4,213	4,739	4,443	2,200	126	5	1	23,551
1989-90	453	2,088	2,112	1,895	1,308	1,913	1,575	264	2	--	--	30	11,640
Tangerines: Florida 1/													
1985-86	--	--	--	--	--	2	2	--	--	--	--	--	4
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	--	2	9	1	--	--	--	--	12
1988-89	--	--	2	--	3	7	13	6	1	--	--	--	32
1989-90	--	1	19	26	33	11	3	--	--	--	--	--	93

1/ Beginning with 1989-90, includes shipments to Canada and Mexico. 2/ August shipments 1990-91 season.

Source: See Page 45, Data Sources, Item 5.

CITRUS: U.S. fresh exports, by months, 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
						1,000 cartons							
Oranges 1/													
Canada	191	316	354	1,158	1,120	1,228	1,183	1,014	732	478	370	478	8,622
Japan	174	430	112	280	317	529	975	2,304	1,099	359	402	428	7,409
Hong Kong	346	281	424	535	390	553	503	604	555	424	482	418	5,515
Singapore	43	45	45	40	65	156	89	131	118	74	64	69	939
Taiwan	1	0	2	3	18	18	39	85	48	103	51	92	460
Malaysia	3	7	29	34	22	84	40	82	61	32	15	6	415
Australia	0	37	71	73	55	26	0	1	0	0	0	0	263
New Zealand	0	17	30	14	10	41	62	24	0	0	0	0	198
Netherlands	0	0	0	2	13	15	2	55	22	59	20	6	194
Philippines	2	1	11	4	18	10	19	18	21	19	8	8	139
Rep. of Korea	3	3	4	12	2	4	6	29	9	3	3	5	83
Others	18	4	11	8	12	43	11	13	17	11	21	20	189
Total	781	1,141	1,093	2,163	2,042	2,707	2,929	4,360	2,682	1,562	1,436	1,530	24,426
Grapefruit													
Japan	691	957	568	442	1,243	1,500	774	802	454	307	321	367	8,426
Canada	115	87	125	382	330	262	251	189	131	86	97	263	2,318
France	339	289	312	250	281	264	106	3	0	0	4	281	2,129
Netherlands	140	163	185	107	116	184	247	168	49	30	20	207	1,616
Taiwan	2	1	22	15	42	106	76	64	1	50	117	1	497
United Kingdom	109	86	38	33	108	29	18	21	0	3	1	50	496
Belgium-Luxembourg	54	72	77	27	19	10	15	1	0	0	0	39	314
Fed. Rep. of Germany	12	97	31	30	40	6	7	0	0	0	0	15	238
Rep. of Korea	0	16	10	1	15	32	51	30	1	1	8	9	174
Italy	32	41	22	0	0	1	4	3	0	0	0	2	105
Switzerland	4	6	24	7	16	10	8	4	0	0	0	5	84
Hong Kong	7	6	5	2	3	6	7	9	2	8	11	5	71
Others	12	32	18	13	4	13	13	13	4	2	2	7	133
Total	1,517	1,853	1,437	1,309	2,217	2,423	1,577	1,307	642	487	581	1,251	16,601
Tangerines													
Canada	22	40	25	74	54	30	5	0	4	3	3	5	265
Netherlands	0	0	0	4	5	1	0	0	0	0	0	0	10
United Kingdom	0	0	0	1	3	5	0	0	0	0	0	0	9
Australia	0	0	4	2	2	0	0	0	0	0	0	0	8
Sweden	0	0	0	3	3	0	0	0	0	0	0	0	6
Hong Kong	0	0	0	0	1	0	3	0	0	0	0	0	4
Belgium-Luxembourg	0	0	0	0	2	2	0	0	0	0	0	0	4
Others	0	0	0	2	2	5	0	0	0	0	0	0	9
Total	22	40	29	86	72	43	8	0	4	3	3	5	315

1/ Does not include Temples. Source: See Page 45, Data Sources, Item 6.

FLORIDA CITRUS: Certified citrus exports, crop years 1981-82 through 1989-90 1/

Crop year	Oranges			Grapefruit			Specialty fruit			Grand total
	Commercial	Government	Total	Commercial	Government	Total	Commercial	Government	Total	
					1,000 cartons					
1981-82	167	11	178	9,922	12	9,934	32	--	32	10,144
1982-83	286	15	301	9,515	8	9,523	69	--	69	9,893
1983-84	26	16	42	9,938	14	9,952	44	--	44	10,038
1984-85	8	2	10	5,658	6	5,664	--	--	--	5,674
1985-86	202	--	202	11,078	--	11,078	4	--	4	11,284
1986-87	382	--	382	15,479	3	15,482	---	--	--	15,864
1987-88	139	--	139	20,663	13	20,676	76	--	76	20,891
1988-89	154	--	154	23,566	1	23,567	31	--	31	23,752
1989-90	686	--	686	11,419	--	11,419	197	--	197	12,302

1/ Shipments certified in Florida for export to foreign countries other than Canada and Mexico through 1988-89. Canada and Mexico included in export beginning 1989-90.

Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Certified citrus exports by weeks, crop year 1989-90

Week ended	Oranges		Seedless Grapefruit		Temples	Tangelos 1/	Tangerines	Total exports
	Navel	Other	White	Colored				
				1,000 cartons				
Sep 3	--	--	--	1	--	--	--	1
10	--	--	1	1	--	--	--	2
17	--	--	15	19	--	--	--	34
24	1	--	21	115	--	--	--	137
Oct 1	--	1	26	262	--	--	--	289
8	--	2	73	319	--	--	--	394
15	--	6	110	253	--	--	--	369
22	2	19	220	301	--	1	--	543
29	4	19	246	356	--	2	2	629
Nov 5	3	29	248	317	--	4	1	602
12	8	28	343	338	--	4	7	728
19	17	30	100	347	--	4	5	503
26	52	31	66	240	--	12	6	407
Dec 3	71	27	94	275	--	13	9	489
10	55	23	165	264	--	8	11	526
17	30	19	97	276	--	5	13	440
24	7	17	231	245	--	5	11	516
31	4	1	65	254	--	3	1	328
Jan 7	2	17	13	89	--	1	1	123
14	1	14	59	120	--	6	6	206
21	1	21	150	190	--	5	14	381
28	--	9	189	239	--	--	7	444
Feb 4	--	11	325	209	--	--	6	551
11	--	11	292	217	1	--	3	524
18	--	11	316	200	5	--	3	535
25	--	10	314	149	1	--	4	478
Mar 4	--	10	195	153	2	--	3	363
11	--	11	188	143	1	--	--	343
18	--	13	278	122	--	--	--	413
25	--	10	373	49	--	--	--	432
Apr 1	--	8	239	36	--	--	1	284
8	--	7	71	30	--	--	--	108
15	--	6	100	13	--	--	--	119
22	--	3	41	1	--	--	--	45
29	--	2	7	1	--	--	--	10
May 6	--	2	3	--	--	--	--	5
13	--	--	--	1	--	--	--	1
20	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--
Jun total	--	--	--	--	--	--	--	--
Jul total	--	--	--	--	--	--	--	--
Aug total	--	--	--	--	--	--	--	--
Total	258	428	5,274	6,145	10	73	114	12,302

1/ Includes K-Early Citrus Fruit.

Source: See Page 45, Data Sources, Item 7.

CITRUS: Per capita consumption, fresh weight equivalent, United States, 1974 through 1989

Year	Citrus fruit consumed in fresh form							All citrus processed	Total citrus
	Oranges 1/	Grapefruit	Tangerines	Tangelos	Lemons	Limes	Total fresh		
	Pounds								
1974	14.4	8.2	1.9	.7	2.0	.2	27.4	79.0	106.4
1975	15.9	8.3	2.0	1.0	2.0	.2	29.4	89.3	118.7
1976	14.7	9.2	2.0	.9	1.9	.3	29.0	88.1	117.1
1977	13.5	7.7	1.8	.9	2.1	.3	26.3	88.8	115.1
1978	13.5	8.3	1.6	.8	2.1	.3	26.6	80.9	107.5
1979	12.6	7.6	1.6	.7	2.0	.2	24.7	83.6	108.3
1980	15.8	8.0	2.0	.7	2.0	.4	28.9	83.6	112.5
1981	13.6	6.9	1.3	.8	2.0	.4	25.0	79.4	104.4
1982	12.7	7.5	1.3	.7	2.1	.4	24.7	84.6	109.3
1983	16.1	8.1	1.4	.7	2.4	.6	29.3	90.7	120.0
1984	12.8	6.3	1.4	.6	2.3	.6	24.0	78.8	102.8
1985	12.3	5.8	.9	.5	2.4	.7	22.6	85.7	108.3
1986	14.5	6.6	1.1	.5	2.6	.7	26.0	90.6	116.6
1987	14.0	6.7	1.3	.5	2.6	.7	25.7	86.4	112.1
1988	15.4	6.7	1.3	.5	2.5	.7	27.1	87.1	114.2
1989	12.6	6.9	1.2	.5	2.5	.8	24.4	82.1	106.5

1/ Includes Temples.

Source: See Page 45, Data Sources, Item 10.

CITRUS: Florida fresh exports, 1988-89 and 1989-90 crop years

Country	Grapefruit		Oranges 1/		Tangerines		Total	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
	1,000 cartons							
Japan	12,041	5,175	60	1	1	--	12,102	5,176
Canada	--	2,178	--	764	--	110	--	3,052
France	3,375	1,780	1	--	--	--	3,376	1,780
Holland	1,883	726	43	--	--	--	1,926	726
Belgium	1,440	557	--	--	--	--	1,440	557
England	718	377	2	--	--	--	720	377
West Germany	865	183	--	--	--	--	865	183
Taiwan	2,013	121	29	--	--	--	2,042	121
Italy	317	103	--	--	--	--	317	103
Switzerland	93	75	--	--	--	--	93	75
South Korea	609	72	--	--	--	--	609	72
Sweden	98	34	--	--	--	--	98	34
Hong Kong	48	22	--	--	--	--	48	22
Puerto Rico	5	4	14	4	29	3	48	11
Singapore	17	7	3	--	--	--	20	7
United Kingdom	31	4	--	--	--	--	31	4
North Ireland	8	1	--	--	--	--	8	1
Virgin Islands	1	--	2	--	1	1	4	1
Bermuda	--	1	--	--	--	--	--	1
Finland	3	--	--	--	--	--	3	--
Great Britain	2	--	--	--	--	--	2	--
Total	23,567	11,419	154	769	31	114	23,752	12,302

1/Includes Temples, tangelos, and K-Early Citrus Fruit.

Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1988-89 and 1989-90

Week ended		Oranges		Grapefruit		Temples	
		1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
		1,000 boxes					
Sep	3	---	---	---	1	---	---
	10	---	---	---	---	---	---
	17	---	---	---	---	---	---
	24	---	2	---	39	---	---
Oct	1	---	7	5	77	---	---
	8	3	12	36	142	---	---
	15	18	47	130	174	---	---
	22	51	67	137	262	---	---
	29	88	133	233	328	---	---
Nov	5	146	254	259	307	---	---
	12	255	361	294	356	---	---
	19	668	708	309	281	---	---
	26	597	664	212	194	---	---
Dec	3	2,814	2,013	406	351	---	---
	10	4,623	3,339	541	461	---	---
	17	5,523	3,956	644	470	---	---
	24	4,496	4,826	537	424	3	1
	31	6,145	6,587	530	345	11	24
Jan	7	6,726	10,179	534	483	37	45
	14	7,546	8,811	690	530	64	19
	21	7,254	8,468	704	1,124	65	59
	28	7,218	6,654	711	1,768	69	126
Feb	4	7,261	5,485	869	2,260	114	300
	11	6,173	4,459	1,257	2,343	255	244
	18	5,227	3,880	1,652	2,374	266	114
	25	3,611	2,890	2,066	1,713	320	52
Mar	4	2,326	2,949	2,551	1,877	369	57
	11	1,310	2,524	2,274	1,228	480	34
	18	1,866	2,173	2,790	741	357	109
	25	1,948	2,057	2,144	617	172	5
Apr	1	2,444	2,287	2,004	405	121	8
	8	3,348	2,462	1,468	237	92	10
	15	4,612	2,411	1,103	180	59	5
	22	5,366	2,436	800	93	18	5
	29	5,632	2,638	681	66	4	2
May	6	5,741	2,454	527	37	1	2
	13	5,489	2,098	462	7	---	5
	20	5,103	1,856	377	5	2	6
	27	4,742	1,231	284	4	---	6
Jun	3	3,990	563	202	7	1	2
	10	3,430	183	185	1	---	3
	17	2,441	13	92	1	---	---
	24	1,223	14	63	2	---	1
Jul	1	496	33	40	5	---	1
	8	73	13	3	2	---	---
	15	12	9	5	1	---	---
	31	31	26	5	4	---	4
Aug. total		46	53	32	28	---	6
Total		138,112	104,285	30,848	22,355	2,881	1,255

Source: See Page 45, Data Sources, Item 7.

(Continued)

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1988-89 and 1989-90 (Continued)

Week ended	Tangelos		Tangerines 1/		Honey Tangerines		K-Early	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
	1,000 boxes							
Sep 3	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
Oct 1	---	---	---	---	---	---	---	---
8	---	---	---	4	---	---	1	6
15	3	2	---	5	---	--	12	9
22	2	2	7	8	---	---	18	15
29	6	4	24	11	---	---	15	13
Nov 5	17	13	28	17	---	---	8	11
12	46	26	27	23	---	---	10	3
19	126	54	23	18	---	---	4	6
26	60	45	9	11	---	---	---	1
Dec 3	139	85	39	26	---	---	---	3
10	214	113	65	52	4	---	---	2
17	212	188	65	48	6	---	1	1
24	140	174	37	31	---	---	---	---
31	187	265	35	11	7	46	---	---
Jan 7	266	380	44	1	32	108	---	---
14	274	137	46	---	46	42	---	---
21	267	98	43	---	40	65	---	---
28	209	90	29	2	50	53	---	---
Feb 4	143	69	16	---	61	28	---	---
11	62	32	6	---	66	17	---	---
18	38	26	1	---	65	12	---	---
25	21	18	1	--	45	12	---	---
Mar 4	10	9	1	---	72	11	---	---
11	4	2	2	--	45	11	---	---
18	4	---	1	---	42	4	---	---
25	1	---	1	---	39	6	---	---
Apr 1	1	---	1	---	21	7	---	---
8	---	---	1	---	20	---	---	---
15	---	---	---	---	22	---	---	---
22	---	---	---	---	10	---	---	---
29	---	---	---	---	7	---	---	---
May 6	---	---	---	---	4	---	---	---
13	---	---	---	---	2	---	---	---
20	---	---	---	---	---	1	---	---
27	---	---	---	---	3	1	---	---
Jun 3	---	---	---	---	---	1	---	---
10	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
Jul total	---	---	---	---	---	---	---	---
Aug total	---	---	---	---	---	---	---	---
Total	2,452	1,832	552	268	709	425	69	70

1/ Robinson, Sunburst, and Dancy varieties.

Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Distribution of recorded utilization, by types, by months, crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
							Percent						
Fresh orange shipments													
1985-86	---	---	19	25	10	9	11	11	9	6	---	---	100
1986-87	---	---	18	25	11	5	13	11	11	6	---	---	100
1987-88	---	---	18	26	11	7	12	11	11	4	---	---	100
1988-89	---	---	22	28	9	5	13	11	9	3	---	---	100
1989-90	---	---	34	38	9	6	7	4	2	---	---	---	100
Processed orange usage													
1985-86	---	---	2	12	24	15	7	16	18	6	---	---	100
1986-87	---	---	2	15	23	14	3	17	19	7	---	---	100
1987-88	---	---	---	14	21	18	6	13	18	10	---	---	100
1988-89	---	---	2	16	23	15	6	14	17	7	---	---	100
1989-90	---	---	3	19	35	15	10	10	8	---	---	---	100
Fresh grapefruit shipments													
1985-86	---	13	11	12	16	14	16	14	4	---	---	---	100
1986-87	---	10	11	12	14	16	17	15	5	---	---	---	100
1987-88	---	7	11	12	14	14	17	16	9	---	---	---	100
1988-89	---	4	12	11	13	16	17	16	11	---	---	---	100
1989-90	3	19	18	19	12	15	12	2	---	---	---	---	100
Processed grapefruit usage													
1985-86	---	4	8	12	15	23	26	11	1	---	---	---	100
1986-87	---	3	6	13	17	26	26	8	1	---	---	---	100
1987-88	---	---	4	7	11	21	38	14	5	---	---	---	100
1988-89	---	1	5	8	10	21	34	14	7	---	---	---	100
1989-90	---	4	6	9	24	37	17	3	---	---	---	---	100
Fresh tangerine shipments													
1985-86	---	12	19	24	18	11	12	4	---	---	---	---	100
1986-87	---	7	15	22	17	18	16	5	---	---	---	---	100
1987-88	---	7	12	23	18	19	17	4	---	---	---	---	100
1988-89	---	6	15	24	17	16	15	7	---	---	---	---	100
1989-90	---	11	29	39	13	7	1	---	---	---	---	---	100
Fresh tangelo shipments													
1985-86	---	4	25	48	19	4	---	---	---	---	---	---	100
1986-87	---	---	23	46	24	7	---	---	---	---	---	---	100
1987-88	---	---	25	51	21	3	---	---	---	---	---	---	100
1988-89	---	---	28	53	18	1	---	---	---	---	---	---	100
1989-90	---	---	31	60	9	---	---	---	---	---	---	---	100
Fresh Temple shipments													
1985-86	---	---	---	---	54	29	13	4	---	---	---	---	100
1986-87	---	---	---	---	46	37	15	2	---	---	---	---	100
1987-88	---	---	---	---	44	43	13	---	---	---	---	---	100
1988-89	---	---	---	---	57	33	10	---	---	---	---	---	100
1989-90	---	---	---	---	26	70	4	---	---	---	---	---	100

CITRUS FRUIT: Production, by selected countries, principal types, crop years 1985-86 through 1989-90

Country	Crop years				
	1985-86	1986-87	1987-88	1988-89	1989-90 1/
	1,000 metric tons 2/				
Oranges 3/					
Brazil	11,015	19,975	10,400	14,150	12,150
United States	6,912	7,121	7,903	8,269	6,897
Spain	1,942	2,059	2,442	2,216	2,419
Mexico	1,410	1,683	1,942	2,269	2,200
Italy	2,257	2,424	1,343	2,170	1,655
Egypt	1,168	1,235	1,387	1,199	1,390
Greece	554	881	462	770	933
Morocco	841	650	891	994	810
Argentina	623	630	650	580	750
Israel	685	815	627	546	700
South Africa 4/	497	625	682	604	640
Turkey	505	750	700	700	600
Cuba	390	500	508	520	520
Australia	494	475	394	524	486
Gaza	142	151	83	98	168
Cyprus	156	204	138	153	165
Total	29,591	40,178	30,552	35,762	32,483
Grapefruit					
United States	2,122	2,330	2,541	2,580	1,766
Cuba	237	250	284	385	400
Israel	371	392	317	353	400
Argentina	178	165	176	150	170
South Africa 4/	99	121	135	135	130
Total	3,007	3,258	3,453	3,603	2,866
Lemons					
Spain	482	613	760	733	670
United States	632	986	712	689	669
Italy	800	813	592	708	650
Argentina	450	460	517	350	500
Greece	186	168	89	170	179
Turkey	180	250	240	280	170
Total	2,730	3,290	2,910	2,930	2,838
Tangerines					
Japan 5/	2,870	2,542	2,941	2,387	2,379
Spain	1,050	1,164	1,307	1,260	1,047
Brazil 6/	486	479	453	467	482
Italy	500	531	333	411	400
United States 7/	290	363	369	372	275
Morocco 8/	347	290	303	420	250
Turkey	257	300	280	320	250
Argentina	243	260	286	290	240
Mexico	123	131	151	157	169
Egypt	106	117	134	151	155
Israel	123	158	122	90	150
Total	6,395	6,335	5,679	6,325	5,797

1/ Forecast. 2/ One metric ton is equivalent to 2,204.6 pounds. 3/ Includes tangerines and Temples in some countries. 4/ Includes some fruit produced in Swaziland, Botswana, and Mozambique which is marketed through the South African Citrus Board. 5/ Mainly satsumas but also including mandarin hybrids. 6/ State of Sao Paulo only, which apparently accounts for over one-half of Brazil's production. About 120,000 tons of tangerines which are processed are included in the orange table. 7/ Includes tangelos, which account for about half of the total production. 8/ Clementines only.

Source: See Page 45, Data Sources, Item 6.

DATA SOURCES

All data in this summary are official statistics of United States Department of Agriculture issued by the National Agricultural Statistics Service, except when another source is shown.

1. United States Department of Commerce
   Federal-State Agricultural Weather Service
   1408 24th Street, S. E.
   Ruskin, Florida 33570

2. Hume, H. Harold, The Cultivation of Citrus Fruits
   (New York: The Macmillan Co., 1926) - Data for
   1886-87 through 1908-09

3. Florida Citrus Processors Association
   P. O. Box 780
   Winter Haven, Florida 33880

4. Arizona Agricultural Statistics Service
   201 East Indianola, Suite 250
   Phoenix, Arizona 85012

   California Agricultural Statistics Service
   P. O. Box 1258
   Sacramento, California 95812

   Texas Agricultural Statistics Service
   P. O. Box 70
   Austin, Texas 78767

5. United States Department of Agriculture
   Agricultural Marketing Service
   Washington, D. C. 20250

6. United States Department of Agriculture
   Foreign Agricultural Service
   Washington, D. C. 20250

7. Florida Department of Agriculture and Consumer Services
   Division of Fruit and Vegetable Inspection
   P. O. Box 1072
   Winter Haven, Florida 33880

8. Citrus Administrative Committee
   P. O. Box R
   Lakeland, Florida 33802

9. Florida Citrus Mutual
   P. O. Box 89
   Lakeland, Florida 33802

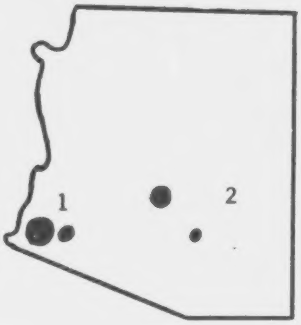
10. United States Department of Agriculture
    Economic Research Service
    Washington, D. C. 2005-4788

11. National Weather Service
    SE Ag Weather Service Center
    Fisheries Annex Bldg.
    P.O. Box 2246
    Auburn, AL 36831-2246

OTHER STATES' CITRUS PRODUCTION AREAS
(States not drawn to scale)

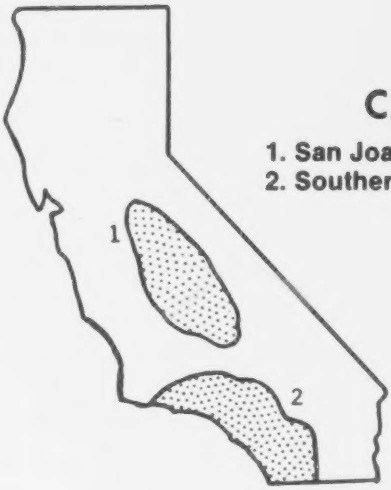
ARIZONA

1. Western 22,530 acres
2. Central 13,470 acres



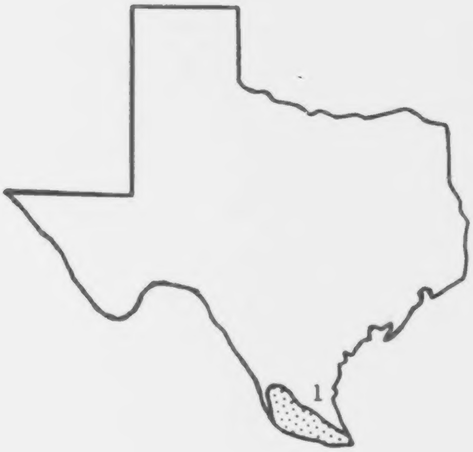
CALIFORNIA

1. San Joaquin Valley 154,200 acres
2. Southern California 113,100 acres



TEXAS

1. Lower Rio Grande Valley
   34,500 acres



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UNITED STATES DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
1222 Woodward Street, Orlando, Florida 32803

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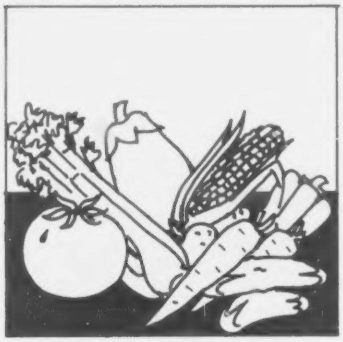
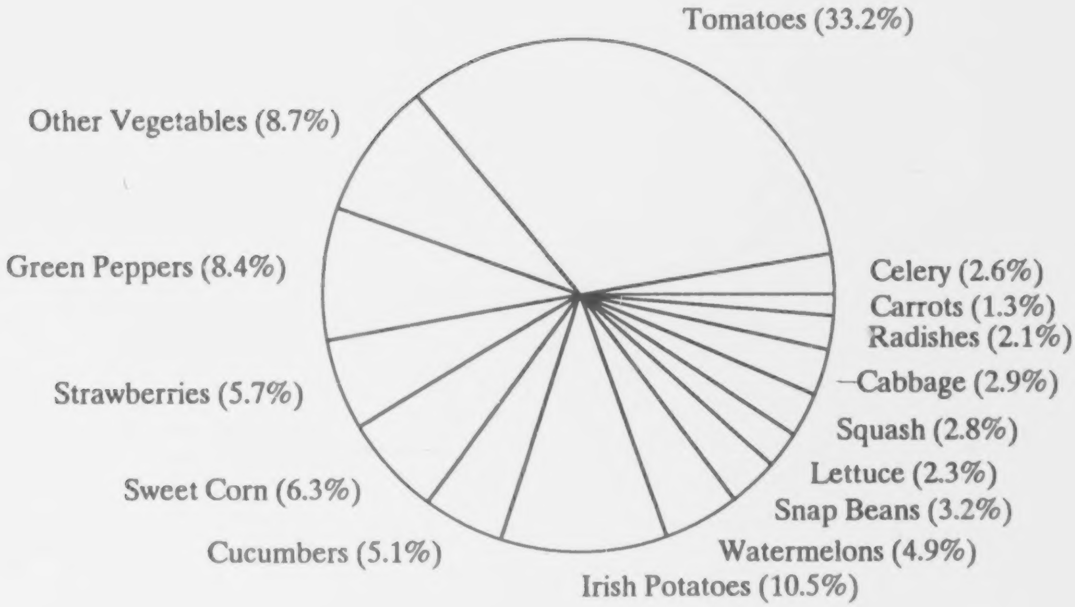


Vegetable Summary
1989 - 1990

FLORIDA
AGRICULTURAL
STATISTICS SERVICE
1222 Woodward Street,
Orlando, Florida 32803

FLORIDA VEGETABLES

Distribution of Crop Values, 89–90 Season



FLORIDA AGRICULTURAL STATISTICS

Vegetable Summary

Florida Department of Agriculture
and Consumer Services
Bob Crawford, Commissioner
Tallahassee, Florida

Florida Agricultural
Statistics Service

Robert L. Freie, State Statistician
Orlando, Florida

Division of Marketing

H. Vance Young, Jr. Ph.D., Director
Tallahassee, Florida

Cooperating with

U.S. Department of Agriculture
Agricultural Marketing Service
and
National Agricultural Statistics Service

University of Florida
Institute of Food & Agricultural Sciences
Agricultural Experiment Stations
Department of Food & Resource Economics

ACKNOWLEDGMENT

The acreage, production, and value statistics in this bulletin are official State and USDA estimates prepared by the Florida Agricultural Statistics Service. Extended commodity coverage and county and area detail were made possible through the participation of the Department of Food and Resource Economics, University of Florida, in the estimating program. The Bureau of State Farmers' Markets, Florida Department of Agriculture, and the County Extension Agents, University of Florida, Cooperative Extension Service, were also very helpful in supplying area and county information. Shipment statistics were provided by the Market News Section of the Florida Department of Agriculture and the USDA Agricultural Marketing Service.

Grower organizations have provided valuable assistance and data throughout the season. These groups include the Florida Celery Committee, Florida Tomato Committee, Florida Sweet Corn Exchange, South Florida Vegetable Exchange, Zellwood Sweet Corn Exchange, and North Florida Growers Exchange. Sales agencies and transportation firms provided additional inputs needed to complete the statistical story.

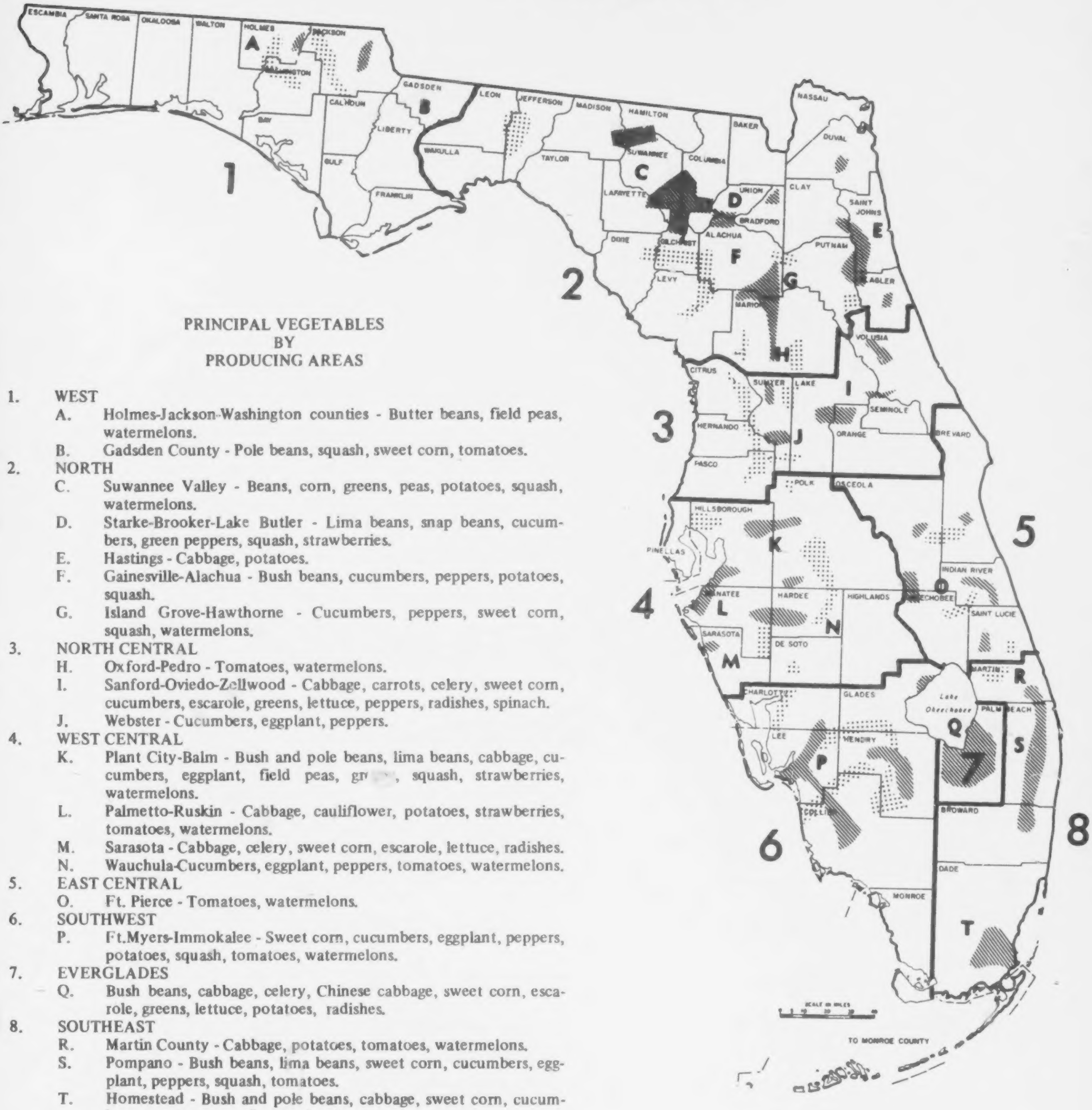
Foremost, the growers, shippers, and processors volunteered most of the basic data used in developing these statistics. The public spirited cooperation of these individuals and groups is appreciated.

Field personnel A. J. Wilson, Parrish; E. J. Hutchins, Deerfield Beach; Charles Robertson, Homestead; and James Spires of Immokalee collected much of the basic acreage, production, and price statistics in this bulletin. This report was assembled under the direction of Bill Erwin with assistance from Wade Adams and Shirley Zonner of the Florida Agricultural Statistics Service and H. B. Buchanan, Market News Section. The authors also wish to thank, Marcelo Diaz, Kitty Hildreth, Pat Quittence, Tommy Scherer, and others of the Florida Agricultural Statistics Service who assisted in compiling and preparing this report.

For information call: (407) 648-6020

Published April 1991

FLORIDA


ESCAMBIA
SANTA ROSA
OKALOOSA
WALTON
HOLMES
A
JACKSON
WASHINGTON
BAY
CALHOUN
GADSDEN
B
LIBERTY
GULF
FRANKLIN
WAKULLA
LEON
JEFFERSON
MADISON
TAYLOR
HAMILTON
SUWANNEE
C
COLUMBIA
BAKER
NASSAU
DUVAL
UNION
D
BRADFORD
CLAY
SAINT JOHNS
E
LAFAYETTE
DIXIE
GILCHRIST
ALACHUA
F
PUTNAM
G
FLAGLER
LEVY
MARION
H
VOLUSIA
CITRUS
SUMTER
LAKE
I
SEMINOLE
HERNANDO
J
ORANGE
BREVARD
PASCO
POLK
OSCEOLA
HILLSBOROUGH
K
PINELLAS
MANATEE
L
HARDEE
HIGHLANDS
N
O
OKEECHOBEE
INDIAN RIVER
SAINT LUCIE
SARASOTA
M
DE SOTO
MARTIN
R
CHARLOTTE
GLADES
Lake Okeechobee
Q
PALM BEACH
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LEE
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SCALE IN MILES
TO MONROE COUNTY

PRINCIPAL VEGETABLES
BY
PRODUCING AREAS

1. WEST
   - A. Holmes-Jackson-Washington counties - Butter beans, field peas, watermelons.
   - B. Gadsden County - Pole beans, squash, sweet corn, tomatoes.
2. NORTH
   - C. Suwannee Valley - Beans, corn, greens, peas, potatoes, squash, watermelons.
   - D. Starke-Brooker-Lake Butler - Lima beans, snap beans, cucumbers, green peppers, squash, strawberries.
   - E. Hastings - Cabbage, potatoes.
   - F. Gainesville-Alachua - Bush beans, cucumbers, peppers, potatoes, squash.
   - G. Island Grove-Hawthorne - Cucumbers, peppers, sweet corn, squash, watermelons.
3. NORTH CENTRAL
   - H. Oxford-Pedro - Tomatoes, watermelons.
   - I. Sanford-Oviedo-Zellwood - Cabbage, carrots, celery, sweet corn, cucumbers, escarole, greens, lettuce, peppers, radishes, spinach.
   - J. Webster - Cucumbers, eggplant, peppers.
4. WEST CENTRAL
   - K. Plant City-Balm - Bush and pole beans, lima beans, cabbage, cucumbers, eggplant, field peas, gr[illegible], squash, strawberries, watermelons.
   - L. Palmetto-Ruskin - Cabbage, cauliflower, potatoes, strawberries, tomatoes, watermelons.
   - M. Sarasota - Cabbage, celery, sweet corn, escarole, lettuce, radishes.
   - N. Wauchula-Cucumbers, eggplant, peppers, tomatoes, watermelons.
5. EAST CENTRAL
   - O. Ft. Pierce - Tomatoes, watermelons.
6. SOUTHWEST
   - P. Ft.Myers-Immokalee - Sweet corn, cucumbers, eggplant, peppers, potatoes, squash, tomatoes, watermelons.
7. EVERGLADES
   - Q. Bush beans, cabbage, celery, Chinese cabbage, sweet corn, escarole, greens, lettuce, potatoes, radishes.
8. SOUTHEAST
   - R. Martin County - Cabbage, potatoes, tomatoes, watermelons.
   - S. Pompano - Bush beans, lima beans, sweet corn, cucumbers, eggplant, peppers, squash, tomatoes.
   - T. Homestead - Bush and pole beans, cabbage, sweet corn, cucumbers, potatoes, squash, strawberries, tomatoes.

▨ Commercial Vegetables ⠿ Watermelons

Florida: Usual dates for planting and harvesting vegetables, melons, potatoes, and strawberries

Crop	Planting	Usual Harvest Dates		
	Dates 1/	Begins	Most active	Ends
Snap Beans 2/	Aug 15 - Apr 1	Oct 15	Nov 1 - May 1	Jun 15
Cabbage	Sep 1 - Mar 15	Oct 25	Jan 1 - Apr 15	Jun 15
Carrots	Aug 15 - Feb 15	Nov 1	Dec 15 - May 25	June 10
Cantaloups	Jan 15 - Mar 15	Mar 10	May 15 - Jun 20	Jul 10
Cauliflower	Sep 15 - Jan 1	Dec 15	Jan 1 - Mar 15	Apr 15
Celery	Aug 1 - Apr 15	Oct 25	Dec 15 - Jun 1	Jul 10
Chinese Cabbage	Sep 1 - Apr 1	Oct 20	Nov 15 - May 15	Jun 1
Sweet Corn	Jul 25 - May 10	Sep 25	Nov 15 - Jun 15	Jun 15
Cucumbers	Aug 1 - Apr 1	Sep 20	Nov 1 - Dec 15 Apr 20 - Jun 1	Jul 1
Eggplant	Jul 15 - Apr 1	Oct 1	Nov 15 - Jul 1	Aug 1
Escarole and Endive	Aug 25 - Apr 1	Oct 20	Nov 15 - May 25	Jun 1
Lettuce and Romaine	Aug 25 - Apr 1	Oct 20	Dec 1 - May 1	Jun 1
Parsley	Aug 25 - Apr 1	Oct 20	Nov 15 - May 25	Jun 1
Green Peppers	Aug 1 - Mar 15	Oct 20	Nov 15 - Jun 15	Jul 1
Potatoes	Sep 15 - Mar 1	Dec 26	Feb 1 - Jun 1	Jul 1
Radishes	Sep 1 - May 15	Sep 20	Nov 15 - May 1	Jun 15
Spinach (Proc.)	Nov 1 - Jan 1	Jan 15	Feb 1 - Mar 1	Mar 15
Squash 3/	Aug 15 - Apr 1	Sep 1	Nov 15 - May 15	Jul 1
Strawberries	Oct 1 - Nov 15	Dec 15	Feb 1 - Apr 1	May 15
Tomatoes	Jul 25 - Mar 15	Oct 15	Nov 15 - Jun 1	Jul 1
Watermelons	Dec 15 - Apr 1	Apr 1	May 1 - Jul 1	Jul 15

1/ Usual date direct seeded or transplanted. 2/ Includes Pole Beans.

3/ A small acreage of summer squash is marketed locally during July and August.

Contents

ITEM	PAGE NUMBER
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Summary of Acreage, Production, and Value by Crops, 1988-89 and 1989-90 Crop Years	12
Summary of Harvested Acreage and Value, 1975-76 through 1989-90	13

Individual Crop Data	Narrative Summary	Acreage, Production and Value	Shipments	Unloads
Snap Beans	3	14	56	67
Cabbage	3	17	57	67
Cantaloups	11	--	--	67
Carrots	4	19	57	68
Cauliflower	11	--	58	68
Celery	4	21	58	68
Chinese Cabbage	4	--	58	69
Sweet Corn	5	23	59	69
Cucumbers	5	26	59	69
Eggplant	6	30	60	70
Escarole-Endive	6	32	60	70
Greens	11	--	60	70
Lettuce	7	34	61	71
Okra	11	--	61	72
Dry Onions	11	--	62	--
Parsley	11	--	62	--
Peas	11	--	64	76
Green Peppers	7	37	62	72-73
Potatoes	8	40	63	73-74
Radishes	9	43	63	74
Spinach	8	--	--	74
Squash	8	44	64	75
Strawberries	9	47	64	75
Tomatoes	10	49	65	75
Cherry Tomatoes	--	--	65	76
Watermelons	10	54	66	76
Other Vegetables	--	--	66	--
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Summary of Shipments by Crops, by Months, 1989-90	--	--	56	--

DEFINITIONS AND EXPLANATIONS

SEASONAL GROUPS--State level estimates for most crops are estimated on a six month seasonal basis. These statistics are published in January. The periods are for the crop year July through December and January through June. The two six month periods were combined in this publication into a crop year total for all crops. Production sold or utilized is shown by months.

PLANTED ACREAGE is the total acreage which has been planted for harvest during the crop year. Acreage lost and replanted to the same crop in time for harvest in the same quarter is counted only once. Acreage harvested and planted again to the same crop is counted twice.

HARVESTED ACREAGE is the acreage partially or completely harvested. Acreage lost before or at maturity through natural or economic causes is not included in the acreage for harvest.

YIELD is the average production per harvested acre of merchantable quality harvested and sold or utilized.

PRODUCTION is the quantity actually harvested and sold or utilized.

UNIT VALUE for fresh market sales is the equivalent price received, f.o.b. shipping point basis and encompasses all grades and sizes marketed or utilized. Included are packing charges, selling charges, precooling, top ice, or other costs which contribute to the value of the product at shipping point. The value per unit for quantities sold to processors is the average value paid for usable quantities, on a "delivered to plant door" basis. This value includes transportation and other normal costs incident to delivery at plant door.

TOTAL VALUE is the equivalent value of production sold or utilized based on the unit value. Cullage and other quantities not sold or utilized because of natural or economic factors are excluded.

OTHER COUNTIES include harvested acreage for all counties for which either published data would result in the disclosure of individual operations or acreage totals for specific commodities are of minor importance in the State.

All shipments and unloads, rail, truck, air, and boat, are recorded nationally in 10,000 pound units each day. Annual releases are in 1,000 cwt. In this publication, shipments and unloads for some commodities were converted to most common trading units. Rail and piggyback weights and conversion factors were determined by several Market News Service field offices. Mixed car (rail) loadings by stations have been prorated by commodities.

Where possible, the national Market News Service in Washington, D. C. has established a single uniform weight per commodity to be used nationally in converting to weight units for the various means of transportation. Weights per common container used and number of units per rail car or truck may be obtained by writing Federal-State Market News, P.O. Box 1148, Winter Park, Florida 32790.

PRODUCTION AND PRICE UNIT--The official USDA vegetable crop estimates are published on a weight basis. For this bulletin, the official estimates for most vegetable crops have been converted to what is believed to be the most commonly used containers. If changes in container weights are necessary, all data pertaining to the production of the commodity in question are revised to maintain comparability between years. The table below gives the net weight used per container and the number of containers per hundredweight for Florida produce.

Most common unit, estimated net weight, and units per hundredweight, Florida produce, 1989-90 crop season

Commodity	Unit	Est. net weight	No. of units per cwt	Commodity	Unit	Est. net weight	No of units per cwt
		Pounds				Pounds	
Snap Beans	Bushel	30	3.333	Lettuce, Romaine	Carton	22	4.545
Cabbage	Crate	50	2.000	Okra	Bushel	30	3.333
Carrots	Sack	48	2.083	Parsley	Crate	21	4.762
Cauliflower	Carton	25	4.000	Green Pepper	Bushel	28	3.571
Celery	Crate	60	1.667	Potatoes	Sack	100	--
Chinese Cabbage	Crate	50	2.000	Radishes	Carton	15	6.667
Sweet Corn	Crate	42	2.381	Squash	Bushel	42	2.381
Cucumbers	Bushel 1 1/9	55	1.818	Strawberries	Flat	12	8.333
Eggplant	Bushel	33	3.030	Tomatoes	Carton	25	4.000
Escarole	Crate	25	4.000	Watermelons	Cwt	100	--
Lettuce, Iceberg	Carton	50	2.000				

SUMMARY OF THE 1989-90 SEASON

The farm value of Florida-grown vegetables, melons, potatoes, and strawberries sold in the 1989-90 crop year totaled just over $1.3 billion, 17 percent below that of the 1988-89 season and the lowest since 1985-86. Crops increasing in value were cabbage, eggplant, potatoes, radishes, squash, and watermelons. Crops with lower values than the previous year were snap beans, carrots, celery, escarole, lettuce, tomatoes, and strawberries. The value of sweet corn, cucumbers, and peppers was virtually unchanged. Of the seven crops showing declines, only strawberries did not have a decline in acreage and only carrots and escarole did not show a reduction in season average price.

Total harvested acreage was down 9 percent from a year earlier. This is partially explained by acreage lost in the Christmas freeze but also it is worth noting that there was a five percent reduction in planted acreage. Regardless of the overall reduction in harvested acreage, two crops, sweet corn and Irish potatoes had increases of 3,600 and 2,100 acres respectively. All other crops, with the exception of strawberries, had decreases in harvested acreage. Crops with the largest decreases in harvested acreage included tomatoes, 9,100; snap beans, 6,200; watermelons, 5,000; cabbage, 4,000; radishes, 4,000; and lettuce with a reduction of 3,000 acres.

Season average prices were at a record high for carrots and eggplant. Other crops that showed increases in the season average price over the previous year were; cabbage, cucumbers, escarole, lettuce, green peppers, radishes, and watermelons. Season average prices, for all other crops estimated, were down from a year earlier.

Land preparation, planting, and transplanting for the fall season were underway and on schedule by mid-July. Hot, summer like temperatures continued through mid-October when a cold front brought some record breaking lows to northern and central production areas. Freezing temperatures and frost terminated the season somewhat early for a number of crops in these areas.

Weather from mid-October through much of December was punctuated by occasional cold fronts that brought below normal temperatures to most areas. Damage was mostly limited to scattered leafburn. Then there was the Christmas freeze!!

Freezing weather covered the entire State. Many crops were almost entirely wiped out. A number of growers, most notably in the southeastern area, used crop blankets and were able to save some fields. Plant City strawberry growers, while losing some production, were able to save plants by using overhead irrigation to ice over the plants. Most other freeze preventive measures were ineffective due to the extreme temperatures and the duration of the cold spell. Winter hardy crops, such as cabbage, while not killed, suffered damage that made them susceptible to diseases and other problems later in the season.

Temperatures warmed almost immediately. Growers replanted with a vengeance. Weather was near ideal and crops made rapid growth and development in all areas. By early February, some of the quicker maturing crops, such as squash and radishes, were being harvested.

Crops planted for spring harvest came into production as much as three weeks ahead of usual. As a result of some overzealous planting in a very short period of time and the ideal growing conditions among other factors, there was an over abundance of a number of crops. Tomato growers probably suffered most from the glutted market but they were not alone.

Warm days and mild nights evolved into hot days and warm nights by early May. Precipitation was generally limited during this time period. The season gradually moved north, being mostly complete by late June. Northern and Panhandle growers continued to harvest a relatively small acreage of assorted vegetables throughout the summer.

SNAP BEANS
1989-90

Bush beans are grown in most areas of the State. The southeastern area (Homestead and Pompano) continues as the major production area. Pole beans are grown primarily in Dade County, with small acreages in Gadsden and Marion counties and the west central area.

The State's growers produced 3.9 million bushels of snap beans for fresh and processing, unchanged from a year earlier. Harvested acreage for both fresh and processing totaled 21,300 acres, down 24 percent from the previous year, and the lowest of record. A larger than normal acreage was lost in the Christmas freeze, but acreage has also been trending down the last several years. A yield of 188 bushels per acre for the fresh market crop was a new record. Processing yields averaged 150 bushels per acre, 17 bushels short of the record setting yield established a year earlier.

The average f.o.b. price of $11.05 for fresh market beans was $3.80 less than a year earlier and $.50 less than the most recent 5 year average. The value of the fresh market crop, at $41 million, was 23 percent less than the previous year. Processing beans averaged $3.84 per bushel, $.49 less than a year earlier.

The first beans were picked in the west Florida area in late September, followed shortly afterward by the northern Peninsula area in early October. Planting was making good progress in the central and southern production areas during this time period.

Cold weather during mid-October brought frost to the western and northern areas. Volume was reduced and the season shortened in these areas. At about this same time, the first beans were being picked in the Pompano and west central areas, followed shortly thereafter by Homestead.

Crops made good progress under generally favorable weather conditions through much of December. Disaster struck the Christmas weekend when freezing weather blanketed the State. Crops in Pompano and Homestead were almost entirely wiped out. Supplies were near nonexistent until early February.

Weather for the remainder of the winter months was near ideal for crop growth. Harvest resumed in Homestead in early February and 2-3 weeks later in Pompano with some record yields being recorded. Weekly volume from mid-February into early May ran well above the most recent 5 year averages.

Ideal weather continued for the spring season as well. Harvest of the spring crop was underway by mid-April in the central production areas and by mid-May in the northern areas. The season was completed in Homestead and Pompano by around mid-May, and the central area by late May. Light supplies continued from northern areas through late June.

CABBAGE
1989-90

Cabbage growers in Florida produced 5.5 million crates and bags of cabbage during the 1989-90 season, down 14 percent from the previous season and the lowest since 1983-84. The gross value of sales was $38.6 million, 27 percent greater than a year earlier. The $6.95 average value per crate, was up $2.25 from the previous season. Thus, the reduction in production was more than offset by the increase in average price.

Acreage planted totaled 14,300 acres, down 1,600 acres from a year earlier and continuing a trend that started in the mid 80s. Harvested acreage amounted to 12,900 acres, 17 percent below that of 1988-89 and the lowest since the freeze damaged crop of 1983-84. The average yield of 430 crates was up 12 crates from the previous year's average.

The combined east and west central areas, for the second consecutive year, lead the State in production. The area accounted for 53 percent of the State's production during the 1989-90 season. The rise in importance of cabbage production for this area has been dramatic. Two years ago this area accounted for only 17 percent of the State's total production. Once again, the leading cabbage producing county was Manatee with 5,000 acres.

Planting was underway by mid-September in both the Hastings and central areas. By early October, planting was underway in most all other production areas. The early growing season was a bit warm but otherwise was conducive to good growth and development.

Harvest began around the middle of November. Volume increased in each succeeding month through March. Cutting then tapered off to early June when the last cabbage was cut in the Hastings area. The late December freeze damaged crops in all growing areas. Supplies, however, continued during January and February but at a reduced level.

The remainder of the growing season was pretty much uneventful, weatherwise. However, problems related to the Christmas freeze continued to show up. Weakened plants were susceptible to a number of problems which translated into reduced quality. Plantings made after the first of the year did not have these problems and made a good spring crop.

CARROTS
1989-90

Florida growers produced 1,080 thousand hundredweight (108,000,000 pounds) of carrots for both the fresh and processing markets during the 1989-90 season, up 15 percent from the 940 thousand hundredweight produced last season. Carrots for fresh use accounted for 82 percent of production while processing use was 18 percent. This compares with the 1988-89 respective percentages of 87 and 13 percent. Mini or finger carrots accounted for thirty percent of the 1989-90 crop. Thirty-one percent of the previous season's crop was mini carrots.

Producers harvested 7,200 acres of carrots during the 1989-90 season, from 9,900 acres planted. Planted acreage was slightly above the previous year. However, harvested acreage was considerably below the 9,400 acres harvested in 1988-89, due mainly to losses sustained from the late December freeze.

Growers received a record high average price of $16.30 per hundredweight in 1989-90, up 30 cents from the previous record high average attained during the 1988-89 season.

For the third consecutive year, the 1989-90 value of carrots, at $17.6 million, reached a new record high. The 1989-90 value was up 17 percent from the previous record high of $15.0 million received during the 1988-89 season. The increase in value can be attributed to increased production and high prices received throughout the growing season.

Carrot plantings began in July and continued at scheduled intervals throughout the season. Harvest of mini carrots from the Everglades' muck soil south of Lake Okeechobee started during early October, while mini harvest began around Lake Apopka in late October. Regular type harvest in the Zellwood area commenced in early December. A hard freeze in late December destroyed acreage in Zellwood and the Everglades with some acreage replanted during January. Harvest regained momentum in early February. The Everglades harvest was completed by the end of May, while Zellwood growers continued harvest until the middle of June.

CELERY
1989-90

Florida celery marketings of 4.9 million crates were down 18 percent from the previous year and the lowest since 1942-43. Harvested acreage, at 7,900 acres, is down 400 acres from 1988-89. The average yield of 620 crates per acre compared to the previous year, is down 13 percent and the lowest since 1981-82. The late December freeze played a key role in the lower yields.

The season average price, at $6.99 f.o.b. per crate, was $2.26 below the previous year and 63 cents below the most recent 5 year average. The total value of the crop - $34.2 million, reflecting both lower production and average price, was 38 percent below a year ago and is the lowest in 15 years.

Plant bed preparation and seeding were in progress by mid-June in both major production areas. Transplanting was underway around mid-August and by early September was active in both areas. Plantings were completed in the Everglades by the first week of April. Plantings in the north central area were complete by mid-April. It has been usual in past years that north central growers interrupted plantings for 1-2 weeks in September; however, this was not the case for the 1989-90 season.

Harvest began in both production areas in early November. Weather was generally conductive to good growth. Temperatures were, however, on the warm side for much of the early fall growing season.

Production gained each week until Christmas when a killer freeze wiped out or damaged about all of the crop in both production areas. Shipments were reduced through January, but recovered to pre-freeze levels by the end of February. Weather during this time frame was near ideal and crops developed rapidly. Weekly volume held through May before rapidly falling off to a close in late June.

Quality and size were generally good with the exception of some January and February cuttings that had some freeze related problems. Approximately 11 percent of the crop was not harvested for various reasons. Growers passed some acreage in order to maintain quality and size of product.

Celery is subject to a Federal marketing order administered by the Florida Celery Committee. Field supervisors provided the basic acreage and production data. In cooperation with the Celery Committee, these data are assembled into weekly, monthly, and annual reports and published in this Annual Summary.

CHINESE CABBAGE
1989-90

Chinese cabbage is grown primarily on the mucklands in the Zellwood and Everglades areas. The organic soils provide a very good medium for rapid growth. Harvest was underway by late November. Volume increased gradually through March before tapering off to an early end-of-season in late May. Quality was generally good throughout the growing season with the exception of cuttings during January. Shipments for 1989-90 totaled 170,000 crates, compared with 142,000 crates a year earlier (see page 58).

SWEET CORN
1989-90

Florida growers produced 14 percent more fresh market sweet corn in the 1989-90 season than in the 1988-89 season, despite acreage losses suffered from the Christmas Holiday freeze. Production during 1989-90 totaled 13,056,000 crates, the second largest crop of record. The 1989-90 crop compares with 11,426,000 crates produced in 1988-89. Harvested acreage totaled 52,000 acres for the 1989-90 season compared with 48,400 acres harvested the previous season. Yields averaged a record high 251 crates per acre, up 15 crates from the 236 crates averaged during the previous season.

Florida continued as the Nations's leading grower of fresh market sweet corn and led the Nation in value with production worth a record high $83,817,000. The season average f.o.b. price of $6.42 per crate fell 88 cents below the record high 1988-89 average of $7.30 per crate. Sweet corn ranked fourth in value of vegetables, melons, and strawberries produced in Florida, exceeded only by tomatoes, potatoes, and green peppers.

Zellwood producers started planting in July for the fall crop, while Everglades growers began limited planting in early August. Wet conditions during early September caused growers in the Everglades to destroy some August seedings. Light harvest was underway in the northern Peninsula and Zellwood areas at the end of September. Fall crop harvest in Zellwood peaked during mid-to-late October. Late October frost darkened shucks in the northern Peninsula, but caused minimal damage to foliage in Zellwood. Southeastern producers started planting and Everglades producers started picking during late October. Dade County growers began commercial seedings in early November while west central producers continued planting a limited acreage for "You Gather" harvest. Zellwood and northern Peninsula growers completed fall crop picking by the end of November. Dade County and west central producers opened fields for "You Gather" harvest in late November and early December. Everglades growers began spring crop seedings in late December.

The Christmas weekend freeze killed most older plants and turned husks brown in all southern areas. Growers salvaged some of the fall crop by selling husked ears in cello packs. Southern Peninsula producers replanted most freeze-damaged acreage during January. Warm temperatures during January helped some fields to recover in the Frog Pond area of Dade County. By late January, fields that were planted in the Everglades during late December but had not emerged by the time the freeze occurred were knee high and in good condition. Dade County fields that survived the freeze were tasseling at the end of January. Zellwood and northern Peninsula growers started spring crop seedings in late February. Dade County producers began picking fields that survived the freeze at the end of February. Harvest was underway in the southeast by mid-March, while Everglades growers began picking in late March. During late March, frost nipped some leaves in northern Peninsula fields with no severe damage occurring. Everglades producers finished planting about mid-April. Commercial harvest ended in the southeast and Dade County in late April as Zellwood picking began. Northern Peninsula harvest started during late May. By early June, Everglades harvest was complete. Northern Peninsula growers continued harvest through early July.

CUCUMBERS
1989-90

Production of fresh market cucumbers in Florida during 1989-90 totaled 6.4 million bushels, up just slightly from a year earlier. Acreage harvested at 13,700 acres, was 200 acres less than the previous year and the lowest since 1973-74. For the third consecutive year, a yield record was established. The 464 bushel yield was 14 bushels greater than a year earlier and 79 bushels greater than 2 years prior. Fresh market production is valued at $61.9 million, just slightly above a year earlier and also a record high. The season average price of $9.73 per bushel, was 16 cents less than the record price of a year ago.

Supplies are normally available from late September through early July with production somewhat limited during January through March. This was even more so the case for 1989-90 when the Christmas freeze wiped out most of the acreage that was in the ground. Most of the recorded shipments moving out-of-State during this time period were from offshore and truck imports resold in mixed loads.

Monthly prices for the 1989-90 fall crop were at near record levels and well above the previous year. Prices for the winter and spring crops were lower than the previous year.

Cucumbers are grown in most areas of the State. The southwest, with 33 percent of the planted acreage, was the leading production areas. Last year's leader, the west central area, accounted for 28 percent of the planted acreage followed by the southeast with 26 percent. Production areas in the northern and western areas accounted for the balance.

A light supply of cukes was available from northern production areas by mid-September. A cold front with accompanying frost around mid-October ended the season early in the colder production areas of the north. Harvest, however, had gotten underway in the central area in early October and supplies were maintained. Cucumbers were being shipped from the southeast and southwest by mid-October. The fall season, as usual, peaked in November. Growers in the west central called it a season around mid-December. The Christmas freeze called in a season for most other growers. Some acreage, most notably in the southeast, was protected with crop covers and did continue to produce a limited volume.

Planting of the spring crop was underway almost immediately and continued into March. With near ideal growing conditions, harvest was underway in southern production areas by mid-February. The season slowly progressed northward with very few weather related problems. Spring production peaked in early May, with most all areas shipping. Yields, for most areas, were at record levels. Hot weather took its toll in May on southern crops and by the end of the month, production was coming mainly from central and northern areas. The season drew to a close the end of June.

EGGPLANT
1989-90

Growers planted 2,050 acres, down slightly from the previous year. Yields averaged a record high 815 bushels per acre, surpassing the previous high of 810 bushels set a year earlier. Production, at 1.6 million bushels, fell just short of last year's production. However, combined with a record high average price of $8.52 per bushel, total value of the crop was a record high 13.5 million dollars.

The fall crop, with generally good growing conditions, made excellent progress. Harvest was underway by late September and by mid-October a good volume was available. The late December freeze almost eliminated supplies during January and February. However, a very limited supply continued to be available during this time period from a few growers in the southeast who used crop blankets during the freeze.

Growing conditions for the spring crop were near ideal. By early March, spring crops were being picked in southern production areas. Harvest was underway in early May in the central area and by late May in northern areas. The season came to an end with the last eggs being picked in early July.

Distribution of marketings, as a result of the Christmas freeze, differed considerably from normal. Harvest got underway the last of September, reached a peak in November, then fell off a bit in December. January marketings normally run around 12 percent of total sales for the year; however, only around 2 percent of marketings were sold in January for this crop year. Marketings during March through May were higher than usual. Harvest was virtually complete by early July.

The southeastern area, primarily around Pompano/Delray, accounted for just over half of the harvested acreage. The northern and central areas contributed for most of the remaining acreage. A limited amount was grown in the southwest.

Production is generally continuous throughout the entire crop year in the southeast and southwest. The crops in the western, northern, and central areas are for fall and spring harvest only because the possibility of freezing weather is too great during the winter months.

First sales were from cuttings in the western and northern areas in late September. Harvest followed the usual pattern and progressed southward in the fall, continued through the winter in the southern areas, and then moved back northward in the spring.

ESCAROLE-ENDIVE
1989-90

Production of escarole and endive during the 1989-90 season totaled 1.7 million crates, down 28 percent from a year earlier and the smallest crop in over 40 years. Both planted and harvested acres, at 4,000 and 3,500 respectively, were below the previous year and follows a trend established over the last several years. Yields averaged 483 crates per acre, 68 creates less than the previous year and 28 crates less than the most recent 5 year average. Both harvested acreage and yields were reduced by the Christmas freeze.

Prices during the season averaged $4.70 per crate, compared to $4.10 for the previous crop year and just under the most recent 5 year average of $4.84. The total value of sales, at $7.9 million, was $1.7 million short of a year earlier and the lowest since 1973-74.

Growers in the Everglades and central areas began seeding as usual in mid to late August. Everglades growers had continuous plantings into March. Central area producers plant a small fall crop and then a larger spring crop. A small acreage is also grown around the Lake Placid and Sarasota mucklands.

Sales started the latter part of October and were up to a good volume by mid-November. The Christmas freeze wiped out crops in all production areas. However, with near ideal growing weather harvest had resumed by late January, increasing to a peak in late March. A good volume continued available through early May, before drawing to a close the end of May.

LETTUCE
1989-90

Acreage, production, and value statistics of lettuce in this bulletin combine the various types into a single estimate. The types in order of importance are iceberg, romaine, Boston, bibb, and leaf.

Florida lettuce growers produced 1.5 million cwt of iceberg and specialty types during the 1989-90 season - a decrease of 30 percent from the previous year. This is explained, in large part, by the production lost as a result of the Christmas freeze. Harvested acreage, at 8,000 acres, was down 3,000 acres or 27 percent from a year earlier. This was the smallest harvested acreage since the 1975-76 season. The average yield of 192 cwt per acre, was off 3 percent from the previous year. The all lettuce yield estimate is a function of not only the yield (high or low, up or down) of a particular lettuce type, but also the mix of the various types.

The season average f.o.b. price for all lettuce of $20.26 per cwt was $1.20 higher than the previous year and $1.36 higher than the most recent 5 year average. Average monthly prices were above the previous year for the early fall crop and then fell off slightly in December. A very limited volume was available in January-February and the average prices on these offerings were below a season earlier. Average prices for the remainder of the year were above those of the previous year.

The Everglades muckland accounted for over 90 percent of the planted acreage. Supplies are usually continuous from this area, commencing in early November and running through late May. This continuity was interrupted by the Christmas freeze which reduced the January and February shipments to a trickle. Zellwood is the other major producing area. Sarasota and the Lake Placid mucklands contribute light supplies during much of the season.

Seeding, as usual, was underway in early September. All areas were actively planting by early October. The Everglades, weather permitting, had continuous plantings through much of March.

Specialty types are grown in all production areas, while virtually all of the iceberg type is grown in the Everglades. Very light harvest of specialty types was underway by the end of October in both production areas. The first iceberg was cut around Thanksgiving in the Everglades.

As mentioned earlier, there was very little lettuce cut during January and February. However, growing conditions were near ideal during the remainder of winter and into spring. More lettuce was shipped during March and April than any other months. The season drew to a close around mid-May when the last lettuce was cut in the Zellwood area. Quality was good for all types, most of the season.

PEPPERS
1989-90

Florida's streak of record pepper crops came to a halt, thanks to the Christmas freeze. Production for the past 8 years had been larger than the crop the previous year. Production for 1989-90 totaled 13.2 million bushels, a decrease of 6 percent from a year earlier but still the second largest of record. This reduced production reflected less acreage harvested (20,200 vs. 20,900) and a smaller average yield (655 bushels/acre vs. 673 bushels).

Total planted acreage, at 23,100 acres, was up 1,200 acres from the previous season. Acreage in the southwest continued to climb where a total of 11,100 acres was planted, an increase of 850 acres above the previous year. Southeastern growers increased their plantings by 700 acres, to 5,350 acres. Planted acreage in the west central and north central areas, at 4,100 and 1,100 acres respectively, was unchanged. Acreage in the Panhandle and northern areas, at a combined 1,450 acres, was down 350 acres from the previous year. The southwest continued as the State's number 1 pepper producing area by accounting for just under half of the States production.

The season f.o.b. price of $8.41 per bushel was up 58 cents from a year earlier and 35 cents above the most recent 5 year average. Prices for fall peppers were well above those for the previous year. The subsequent shortage related to the Christmas freeze helped boost prices during January and February to record levels. By the same token, an overabundance of peppers related to heavy replanting, in a short period of time and near perfect growing weather, tended to suppress prices for much of the spring crop. The total value of $111.2 million was 1 percent above a year earlier and the second highest of record. The increase in average price offset the reduced production.

Planting was underway in central and southern areas by early August. The fall growing season, with the exception of a couple of scares from tropical storms, was pretty much uneventful. However, yields tended to be lower than normal as a result of the lingering hot weather. Harvest was underway by the first week of October in the southeast followed by the west central area at mid-month, and the southwest by month's end.

The Christmas freeze wiped out most all crops in all areas. Crop blankets, most notably in the southeast, limited damage in some fields but most other protection practices were ineffective. During early January, planting was very active. Ideal growing weather brought spring crops in as much as 3 weeks early. Production peaked in May with most all areas shipping peppers. The season came to an end with the last peppers being picked in the northern area the end of June.

POTATOES
1989-90

Potato production in Florida during 1990, including both winter and spring, totaled 9.8 million cwt. This was 18 percent greater than the 1989 crop and the largest crop on record. A total of 45,500 acres were planted for harvest in 1990. Out of this total, 44,700 acres were dug, the largest acreage since 1957. The value of the crop was placed at 140 million, up 11 million from the previous year and a record high. The price received for all potatoes averaged $14.40 per cwt compared with $15.50 in 1989.

The average yield for all potatoes was 219 cwt per acre, up 24 cwt from the previous year. At Hastings, the largest growing area, potatoes the previous year were damaged by a freeze in February 1989. The 1990 winter crop was damaged by the 1989 Christmas freeze. The damage was similar to that done to the spring crop from the February freeze but, because of smaller acreage involved, the total potato production in State was reduced less. There was no major freeze problems with the latest spring crop. The "red-skinned" varieties are the dominant potato grown for winter harvest in south Florida. Most of the winter crop is sold for table stock. In the Hastings area, the "white-skinned" varieties dominate. Most of the Hastings production goes to the potato chip industry. These are our Memorial Day chips!

The first winter potatoes were planted in the southeast and southwestern area around mid-October. Planting in Dade County started the last week of October. Harvesting started in late January and was active during February through April. Planting of the spring crop commenced in December in the west central area and was underway in the Hastings area by the end of the first week in January. Planting in the Hastings area was active through the first week of March. Harvesting of the Hasting's potatoes commenced the first week of March and was active through mid-June.

SPINACH
1989-90

Spinach statistics have not been published separately for Florida in recent years to avoid disclosure of individual operations. Data for these seasons, however have been included in the "other vegetable" series shown in this publication. Data for 1973 and earlier are available upon request. Harvested acreage for 1990 was up slightly from a year earlier. Most of the crop is grown in the north central area.

SQUASH
1989-90

Florida's production of squash during the 1989-90 season, at just short of 4 million bushels, was 5 percent above the previous year and the highest of record. A total of 11,700 acres were harvested, the lowest since 1975-76. Yields continued to increase. This year's record high average yield of 340 bushels per acreage was 63 bushels higher than the previous record established a year earlier.

The season average price of $9.20 was 30 cents below the previous year and the lowest since 1978-79. The total value of the crop, at $36.6 million, was 2 percent above a year earlier. The increase in production offset the lower price.

Florida produces acorn, butternut, yellow crookneck, yellow straightneck, white, and zucchini squash. Dade County, with just under 30 percent of the total harvested acreage, produces yellow crookneck almost exclusively. The Pompano area, in addition to being a major producing area, is also an important market for squash grown in other areas of the State. This is especially true when local supplies reach low levels during the winter months. The southwest area produces a continuous supply of most types. Central, north and west Florida provide a good volume of most types during the fall and spring seasons.

Squash is one of the few crops grown in Florida that is shipped every month of the year, although shipments during the summer are light and mostly confined to local markets. The 1989-90 season got underway in early September in the northern areas, followed shortly thereafter in the west central area. Supplies were being shipped from southern areas by the end of September. Fall harvest reached a peak in November before falling off in December. Cold weather the end of October shortened the season somewhat in northern areas. The west central area was finished around mid-December.

The Christmas freeze terminally damaged most fields in all areas. A very limited acreage was saved, mostly in the southeast, with crop covers. Growers replanted quickly and by the end of January a limited volume was available from Dade County and the southeast. Growing conditions were ideal for the remainder of the year and were reflected by the extremely good yields. Shipments peaked in March, held steady through April, then tailed off. The season ended with the last squash being shipped from the northern area the end of June.

RADISHES
1989-90

Radishes planted by Florida growers totaled 29,000 acres during the 1989-90 crop year while harvested acreage amounted to 23,000 acres. This compares with 28,200 acres planted and 27,000 acres harvested during the 1988-89 season. Yield per acre averaged a record high 350 cartons per acre, 115 cartons higher than the 1988-89 yield, and 37 cartons above the previous record high yield of 313 cartons averaged during the 1972-73 season. Production at 8,050,000 cartons was 27 percent above the 6,345,000 cartons produced during the 1988-89 season. The 1989-90 crop is the fourth highest of record. The value of the crop was a record high 28.5 million dollars, up over 8.5 million from the previous season's value, and over half of a million dollars higher than the previous record high value attained during the 1982-83 season. The average f.o.b. price was $3.54 per carton, up 39 cents from the 1988-89 season average price, but 24 cents below the record high $3.78 per carton average of the 1985-86 season.

Seedings for the 1989-90 crop were underway by early September in the Everglades and central areas. Light harvest began in the central areas and the Everglades during early October. Harvest began to gain momentum by mid-November. Freezing temperatures in late December caused a considerable loss of acreage in both areas. Most January marketings were from cooler stocks. Growers replanted the lost acreage during late December and early January. Growers began harvest of the replantings by early February with marketings back to usual levels throughout March, April, and May. Growers completed harvests by late June.

STRAWBERRIES
1989-90

Following three consecutive years of increases to record levels, Florida strawberry production showed a drop for the 1989-90 crop. Production totaled 9.7 million flats during the 1989-90 season, down 15 percent from the record high crop of 11.5 million flats produced during the 1988-89 season. Yield per acre dropped to 1,833 flats per acre, due mainly to pickings lost because of the late December freeze. This yield compares with the record high yield of 2,167 flats per acre averaged during the 1988-89 season. Strawberry acreage harvested during the 1989-90 season at 5,300 acres was equal to the previous season. Producers received an f.o.b. price of $7.75 per flat for the season, down 28 cents from the previous season record high price of $8.03 per flat. The 1989-90 value at $75.3 million was 18 percent below the record high value of $92.2 million attained for last season's crop. Forty-five percent of the 1989-90 strawberry crop was marketed during March, compared with 55 percent harvested in March 1989. A sharp drop in January sales was due mostly to the late December freeze. The increase in February marketings, from 13 percent the previous season to 29 percent during the 1989-90 season, was partly due to the increased plantings of an earlier maturing variety, Selva. Only February and March average prices were below the comparable month's price for the previous season. However, since the bulk of the crop was marketed during February and March, the average for the season was down.

Transplanting started in the central area during late September with plantings for the main crop starting in early October. Broward County growers got plantings underway during early October while Dade and Bradford County growers began transplanting during late October. Light harvest got underway in the central area during mid-November. Growers ran overhead sprinklers to limit cold damage during early December. "You Gather" harvest began around mid-December in southern areas. Producers ran overhead sprinklers to form ice caps on plants during the severe late December freeze. Most plants were saved, but the loss of berries on plants curtailed January marketings. Harvest of the main crop in central areas started at the end of February. Bradford County pickings were very active in March. Growers did a good job of controlling spider mite infestations during the season, resulting in more of the crop harvested during April and May. Most shippers were finished for the season by early May. Many central growers opened fields to "You Gather" sales during April and May. Southern producers finished harvesting in late April and early May. Central area and Bradford County picking was over by the end of May.

TOMATOES
1989-90

For the first season since 1984-85, the value of the Florida tomato crop for fresh market and processing showed a decline from the previous season. The value at $441,095,000 dropped 36 percent below the record high value of $687,602,000 attained during the 1988-89 season, and followed four consecutive record breaking seasons. The f.o.b. price received for fresh market tomatoes averaged $7.30 per 25-pound carton, $2.07 below the record high of $9.37 per carton averaged during the 1988-89 season. January and February prices temporarily reached record high levels during 1989-90, following the late December freeze. However, East Coast and southwestern growers immediately replanted most of the lost acreage. These replanted fields matured along with usual spring plantings in the Palmetto-Ruskin and Dade County areas. A glut of fresh market tomatoes followed. The April average price per carton declined to a record breaking low of $3.65 per carton which was well below the cost of production. Many producers made only one or two picks during the spring, instead of the usual three or more. Growers did not pick an estimated 5,200,000 cartons because of low prices in the spring.

Total tomatoes harvested, at 61.1 million 25-pound carton equivalents, was 18 percent below the 1988-89 production of 74.3 million cartons and 21 percent below the record high production of 77.4 million cartons grown during the 1987-88 season. Tomatoes used for fresh production accounted for 99 percent of total production while processing tomatoes made up the remaining 1 percent. The Palmetto-Ruskin area accounted for 36 percent of total fresh production while 35 percent came from the southwest area. The East Coast produced 10 percent while Dade County made up 8 percent of the total production. Northern Peninsula growers produced the remaining 11 percent of the tomato crop. Acreage harvested in 1989-90 declined 15 percent from the 1988-89 acreage, while yield dropped 41 cartons per acre.

Northern growers began transplanting during late July while southern producers, except in Dade County, started during early August. Dade County producers began seedings during late September. Hot temperatures hampered fruit development during the early fall in all areas. Palmetto-Ruskin fall crop transplanting was finished by late September. Heavy rain in late September delayed the start of harvest in northern areas, and decreased the effectiveness of pesticides in west central areas. Northern producers started picking by early October, and Palmetto-Ruskin growers began picking after mid-October. Southwestern and East Coast producers made first picks during the last week of October. Freezing temperatures during late November brought fall harvest to an end across the northern Peninsula. Dade County producers had started harvest by mid-December. Freezing temperatures over the Christmas holiday weekend killed most unprotected plants in southern areas, except recent sets and some plants located in extreme southern localities. Palmetto-Ruskin growers finished fall crop picks, while other southern area producers harvested all marketable fruit before the cold weather. Some Dade County growers ran overhead sprinklers to save plants. East Coast producers provided protection to young transplants by covering the plants with cups and blankets. Some southern growers pruned dead growth from older plants to allow development of sucker crop.

Palmetto-Ruskin producers began spring crop transplanting during the first full week of January. Other southern growers replanted a lot of the acreage lost to the freeze along with regular spring crop plantings. Due to a low supply of transplants some growers, especially in East Coast localities, seeded much of the replanted acreage. January harvest was mostly a salvage operation in all areas. In early February, Dade County, East Coast, and southwestern producers started to harvest the sucker crop that developed from plants damaged by the late December freeze. Warm temperatures speeded plant growth and fruit development during January and February. Rapid plant growth put pressure on growers to keep up with staking, tying, and pruning schedules. Dade County producers finished planting by early February. Southwestern and East Coast growers completed planting in late February. Harvest of post-freeze plantings began during early and mid-March. By mid-March, Palmetto-Ruskin farmers ended spring crop transplanting while northern Peninsula transplanting was in full swing. Warm, dry weather during March, April, and May induced abundant plant growth, and caused some fruit to mature faster than expected. Frost in northern areas during late March caused only minor damage. Palmetto-Ruskin harvest began in late March and early April. Northern producers finished transplanting around mid-April. The glut of tomatoes available for market in April caused southern growers to observe some picking holidays during the latter part of April, and to limit most spring crop harvest to one or two picks. The picking holidays allowed more than the usual amount of fruit to ripen in fields, causing an above normal gradeout due to color when picked. Dade County growers completed harvest by early May. The northern area harvest started during late May as most southwestern and East Coast picking finished. Palmetto-Ruskin producers completed commercial market picks by late June. Northern growers continued picking through mid-July.

WATERMELONS
1989-90

Watermelon acreage planted during the 1989-90 season totaled 53,000 acres - a 9 percent decrease from 1988-89 plantings. Of the total acres planted, 45,000 were harvested. This was a 10 percent decrease from the previous year and the lowest since 1979-80. Production at 9.0 million cwt, was 6 percent above a year earlier and reflects the increase in average yields. Yields averaged 200 cwt per acre during the season compared to 170 cwt for the year prior. Area yields varied from 148 cwt in the Panhandle to 240 cwt in the central production areas.

A small acreage of fall watermelons is grown in the south and scattered central areas. These melons are harvested in November and December, depending on weather conditions. This acreage and production is included in the spring crop.

A very limited acreage, planted in the southwest in late December was caught by the Christmas freeze. This acreage was replanted almost immediately. By mid-January, planting was in full swing in the southwest and was getting underway in the west central area. Growers in northern and western areas were planting by mid-February. Weather conditions were near ideal for much of the growing season. However, strong winds during March occasionally buffeted the vines causing bloom loss and fruit droppage. A cold snap in late March nipped some plantings in colder areas.

Harvest was underway in the southwest the first week of April, about 3 weeks ahead of usual. Harvest rapidly moved north with melons being shipped by mid-April from the west central area. Droughty conditions hurt dryland melons in northern areas during much of the season. Hot weather during May, reduced crop conditions in the southwest where the season came to a close at month's end. The central areas ran through mid-June before calling it a season. Northern and western growers were cutting by the end of May and finished up by mid-July.

OTHER CROPS
1989-90

Cantaloups are grown in Florida primarily in the spring and summer in the southwest and north central areas. Much of the production is sold through roadside stands and local markets. The peak harvest period is normally May and June. Harvest begins in the southwest and progresses northward seasonally. Some cantaloups also are grown during the fall months in the southwest and west central areas. Acreage continues at a relatively low level. This minor crop is not included in the survey program for vegetable and melon statistics. Researchers continue to work toward developing new varieties that will be better adapted to Florida's soils and climate. There appears to be some promise that acreage may expand in the future.

Cauliflower is grown in the Zellwood, Hillsborough-Manatee, and Everglades areas. Harvested acreage increased from a year earlier. A slight increase in yields, also increased total production. Supplies are available from late November through early May. At the present time, statistics are not available for publication. Shipment information is recorded by the Market News Service. In the 1989--90 season, there were 28.5 thousand cwt (114 thousand 25-pound cartons) shipped out of the State compared with 29.3 thousand cwt shipped the previous season.

Tropical vegetable production during the 1989-90 season was down from the previous year. By far the majority of the acreage is grown in Dade County. Commercial production began in the early 60's. Tropical vegetables is a colloquial expression applied to certain vegetables eaten primarily by those of Latin American and Caribbean origin. The most common name for each crop followed by the scientific name is listed below. Other common terms for various vegetables are shown in parentheses. The crops consist primarily of boniato-Ipomea batata (sweet potato); calabaza-Cucurbita (pumpkin); malanga-Xanthosoma caracu or Colocasia esculenta (dasheen, yautia); and cassava-Manihot esculenta (crantz, yucca, tapioca). The boniato, Calabaza, and Malanga constitute the bulk of the production. The Dade County Agricultural Extension Service reported 13,275 acres of tropical vegetables planted in the 1990 calendar year. Peak production of malanga occurs in February through April. Efforts are being made to provide more even supplies throughout the year. Available land continues to be a limiting factor for all agricultural production in Dade County. New varieties of calabaza are being brought in from Columbia, South America to select those that do best in south Florida. Miami is an important point of consumption for the Florida production. Also, considerable amounts are consumed in the Tampa Bay area. The supplies shipped out of State are primarily for the New York City and Philadelphia areas.

Collard, turnip, mustard, and other greens are grown throughout the State and centered around large population areas and in the muck soils of the Everglades and Zellwood areas. A fair volume was available from January through March with the final shipments made in late April. Shipments totaled 19 thousand cwt during the 1989-90 season, down 42 percent from a year earlier.

Okra is grown in many areas of the State during the warm season of the year. However, Dade County produces okra for local use as well as for shipments to other States. Peak production was in April and May with a good supply in October and November.

Green onions and leeks are produced in the north central area. Supplies are marketed primarily for local use at roadside stands and markets. There are several large producers who ship to other States. Supplies of dry onions are limited. Most of the dry onions are produced in southern and west central areas of the State.

Parsley is available in both the curley and plain types. The bulk of the commercial volume shipped to other States is produced in the Everglades and Zellwood areas. Light supplies sold for local use are available from Sarasota, Lake Placid, and other areas.

Southern peas are grown primarily in the northwest, west central, and Everglades areas of Florida. Dade County also produces a considerable amount of southern peas. Light supplies are generally available from September through December. Heavy movement occurs in April and May, especially in northwest Florida. A high percentage of the crop is utilized for processing. Good supplies are sold through local markets for fresh use. Market News Service shipment statistics for out-of-State markets show 43 thousand cwt for fresh market during the 1989-90 season, up 79 percent from the previous year.

Watercress is available the year around. The major source of supply is the Fellsmere area. Most of the production is shipped to northern and eastern markets in the United States. A limited supply is available from local State farmers' markets, especially the Sanford market.

Vegetables, melons, potatoes, and strawberries: Acreage, yield, production and value, Florida, crop years 1988-89 and 1989-90

Crop	Planted acreage		Harvested acreage		Yield per acre	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
	Acres				Cwt	
Vegetables:						
Snap beans 1/	30,400	26,500	28,100	21,300	42	56
Cabbage	15,900	14,300	15,500	12,900	209	215
Carrots 1/	9,700	9,900	9,400	7,200	100	150
Celery	8,800	8,900	8,300	7,900	429	372
Sweet corn	58,700	58,200	48,400	52,000	99	106
Cucumbers 1/	17,950	17,100	16,600	16,100	225	235
Eggplant	2,100	2,050	2,000	1,950	267	269
Escarole	4,500	4,000	4,250	3,500	138	121
Lettuce	11,800	10,600	11,000	8,000	198	192
Green Peppers	21,900	23,100	20,900	20,200	189	184
Radishes	28,200	29,000	27,000	23,000	35	53
Squash	15,200	13,600	13,650	11,700	117	143
Tomatoes 1/	62,500	55,800	60,700	51,600	306	296
Total	287,650	273,050	265,800	237,350	--	--
Other vegetables 2/	44,795	41,105	40,950	35,730	108	108
Watermelons	58,000	53,000	50,000	45,000	170	200
Potatoes	43,600	45,500	42,600	44,700	194	218
Strawberries	5,300	5,400	5,300	5,300	260	220
Total, all crops	439,345	418,055	404,650	368,080	--	--

	Production		Value per cwt		Total value	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
	1,000 Cwt		Dollars per cwt		1,000 Dollars	
Vegetables:						
Snap beans 1/	1,181	1,184	46.20	35.40	54,565	41,869
Cabbage	3,240	2,774	9.40	13.90	30,433	38,575
Carrots 1/	940	1,080	16.00	16.30	15,040	17,604
Celery	3,563	2,939	15.40	11.70	54,915	34,237
Sweet corn	4,799	5,484	17.40	15.30	83,380	83,817
Cucumbers 1/	3,727	3,783	18.00	17.80	67,060	67,254
Eggplant	534	524	21.40	25.80	11,413	13,537
Escarole	586	423	16.40	18.80	9,607	7,945
Lettuce	2,180	1,536	19.10	20.30	41,558	31,115
Green peppers	3,939	3,706	28.00	30.00	110,181	111,246
Radishes	952	1,208	21.00	23.60	19,987	28,497
Squash	1,590	1,671	22.60	21.90	35,958	36,598
Tomatoes 1/	18,586	15,279	37.00	28.80	687,900	440,434
Total	45,817	41,591	--	--	1,221,997	952,728
Other vegetables 2/	4,428	3,860	23.39	24.22	103,553	93,477
Watermelons	8,500	9,000	5.30	7.20	45,050	64,350
Potatoes 3/	8,261	9,733	15.50	14.40	128,323	139,707
Strawberries	1,378	1,166	66.90	64.60	92,188	75,324
Total, all crops	68,384	65,350	--	--	1,591,111	1,325,586

1/ Fresh and processing. 2/ Other fresh and processing vegetables, and cantaloups. 3/ Production sold.

Vegetables, melons, potatoes, and strawberries: Harvested acreage, Florida, crop years 1975-76 through 1989-90 1/

Crop year	Harvested acreage				
	Vegetables	Watermelons	Potatoes	Strawberries	Total
			Acres		
1975-76	296,700	55,000	31,000	1,400	384,100
1976-77	283,350	51,000	30,100	1,500	365,950
1977-78	318,400	50,000	32,300	2,000	402,700
1978-79	324,950	43,000	28,000	2,400	398,350
1979-80	324,800	42,500	27,300	2,500	397,100
1980-81	315,500	49,000	29,900	3,200	397,600
1981-82	304,470	48,000	29,900	5,000	387,370
1982-83	318,190	49,000	31,300	5,400	403,890
1983-84	317,390	60,000	33,600	5,100	416,090
1984-85	320,780	54,000	35,100	5,300	415,180
1985-86	312,300	47,550	32,600	4,900	397,350
1986-87	309,625	46,100	35,700	4,900	396,325
1987-88	313,800	49,800	36,100	5,000	404,700
1988-89	306,750	50,000	42,600	5,300	404,650
1989-90	273,080	45,000	44,700	5,300	368,080

Vegetables, melons, potatoes, and strawberries: Value of production, Florida, crop years 1975-76 through 1989-90 1/

Crop year	Value of production				
	Vegetables	Watermelons	Potatoes	Strawberries	Total
			1,000 dollars		
1975-76	447,735	25,839	41,931	8,862	524,367
1976-77	482,974	26,507	41,670	8,960	560,111
1977-78	553,785	26,800	35,171	16,646	632,402
1978-79	669,297	32,250	30,435	22,157	754,139
1979-80	678,194	46,549	36,217	27,930	788,890
1980-81	709,148	52,714	73,001	27,888	862,751
1981-82	759,940	54,648	62,272	52,358	929,218
1982-83	926,317	58,212	56,011	52,531	1,093,071
1983-84	887,505	62,124	70,526	38,842	1,058,997
1984-85	830,987	53,336	74,687	61,268	1,020,278
1985-86	980,231	54,506	67,639	50,157	1,152,533
1986-87	1,107,614	69,774	114,420	67,062	1,358,870
1987-88	1,147,068	62,556	46,202	73,875	1,329,701
1988-89	1,325,550	45,050	128,323	92,188	1,591,111
1989-90	1,046,205	64,350	139,707	75,324	1,325,586

1/ Vegetable crops include snap beans, cabbage, carrots, celery, sweet corn, cucumbers, eggplant, escarole, lettuce, green peppers, squash, tomatoes, radishes, spinach, other fresh and processing vegetables, and cantaloups.

Snap beans: Acreage and yield, Florida, crop
years 1975-76 throug[illegible]39-90 1/

Crop year	Planted Total	Planted Fresh	Planted Proc	Harvested Total	Harvested Fresh	Harvested Proc	Yield per acre Fresh & proc	Yield per acre Fresh	Yield per acre Proc
	Acres						Bushels		
1975-76		38,900			37,500			119	
1976-77	51,500	39,600	11,900	40,000	29,500	10,500	127	125	133
1977-78	54,000	40,500	13,500	51,000	39,000	12,000	109	101	133
1978-79	60,800	45,700	15,100	54,100	40,600	13,500	117	102	163
1979-80	56,900	48,900	8,000	54,300	47,000	7,300	94	89	129
1980-81	50,800	49,100	1,700	42,600	41,100	1,500	86	85	133
1981-82	52,600	50,400	2,200	48,300	46,300	2,000	83	82	100
1982-83	49,350	48,700	650	47,000	46,400	600	90	90	100
1983-84	48,900	46,200	2,700	46,500	44,000	2,500	97	96	100
1984-85	49,600	48,200	1,400	46,900	45,700	1,200	87	87	100
1985-86	39,800	39,500	300	38,170	37,900	270	107	106	133
1986-87	35,350	35,100	250	34,250	34,000	250	127	127	100
1987-88	31,350	30,400	950	30,350	29,400	950	150	150	134
1988-89	30,400	28,200	2,200	28,100	25,900	2,200	140	138	167
1989-90	26,500	24,900	1,600	21,300	19,700	1,600	185	188	150

Snap beans: Production and value, Florida, crop
years 1975-76 through 1989-90 1/

Crop year	Production Fresh	Production Proc	Value per bushel Fresh	Value per bushel Proc	Total value Fresh	Total value Proc
	1,000 bushels		Dollars		1,000 dollars	
1975-76	4,453	—	5.74		25,560	
1976-77	3,680	1,400	6.29	2.76	23,136	3,864
1977-78	3,957	1,600	8.06	2.48	31,889	3,960
1978-79	4,140	2,196	7.58	2.22	31,386	4,875
1979-80	4,173	939	8.11	2.97	33,861	2,790
1980-81	3,473	200	10.39	3.45	36,089	690
1981-82	3,786	200	10.33	3.00	39,112	600
1982-83	4,154	60	10.60	3.00	44,041	180
1983-84	4,210	250	9.22	4.50	38,824	1,125
1984-85	3,960	120	8.99	4.50	35,592	540
1985-86	4,028	36	10.23	3.19	41,194	115
1986-87	4,321	25	11.46	2.96	49,536	74
1987-88	4,419	127	12.20	3.17	53,897	403
1988-89	3,568	367	14.85	4.33	52,977	1,588
1989-90	3,707	240	11.05	3.84	40,948	921

1/ Data prior to crop years 1976-77 for the processing segment are not published separately in order to avoid disclosing individual operations but included in "other" vegetables.

Snap beans: Production sold, for fresh market monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 bushels										
1985-86	64	577	680	517	416	494	681	558	41	4,028
1986-87	80	570	538	484	439	745	863	543	59	4,321
1987-88	58	448	543	645	558	607	939	578	43	4,419
1988-89	79	512	468	499	557	407	515	495	36	3,568
1989-90	74	559	464	12	266	861	611	27	--	3,707
Percent										
1985-86	1.6	14.3	16.9	12.8	10.3	12.3	16.9	13.9	1.0	100.0
1986-87	1.8	13.2	12.4	11.2	10.2	17.2	20.0	12.6	1.4	100.0
1987-88	1.3	10.1	12.3	14.6	12.6	13.7	21.3	13.1	1.0	100.0
1988-89	2.2	14.4	13.1	14.0	15.6	11.4	14.4	13.9	1.0	100.0
1989-90	2.0	15.1	12.5	.3	7.2	23.2	22.5	16.5	.7	100.0

Snap beans: Average value per bushel for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
Dollars										
1985-86	10.95	10.20	7.70	11.55	10.20	10.05	10.65	11.60	11.40	10.23
1986-87	13.60	8.00	8.50	12.20	14.80	9.55	11.80	16.50	11.20	11.46
1987-88	18.40	13.60	13.40	11.40	10.80	14.80	10.00	12.60	10.00	12.20
1988-89	11.10	10.40	13.90	13.00	15.20	17.60	18.10	16.70	15.80	14.85
1989-90	11.30	11.60	12.00	14.20	13.80	10.50	11.50	8.75	9.40	11.05

Snap beans: Acreage and production for fresh market by areas, Florida, 1989-90 crop year

Areas	Acreage: Planted	Acreage: Harvested	Yield per acre	Production
	Acres	Acres	Bushels	1,000 bushels
West	900	800	150	120
North	4,600	4,300	206	886
North Central 1/				
West Central	1,300	1,200	152	182
East Central	--	--	--	--
Southwest	--	--	--	--
Everglades 2/				
Southeast	18,100	13,400	188	2,519
State	24,900	19,700	188	3,707

1/ Included with north. 2/ Included with southeast.

Snap beans: Acreage harvested for fresh market by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
	Acres					
Alachua	2,000	1,800	1,800	2,000	1,500	1,400
Broward	3,200	1,250	1,000	500	300	1/
Dade (bush)	18,800	20,000	18,500	18,000	16,500	10,600
Dade (pole)	3,000	3,000	2,450	2,200	2,000	1,400
Gadsden	550	200	250	200	150	650
Hillsborough	1,600	1,800	1,500	1,300	1,100	900
Palm Beach (East)	13,700	6,800	5,500	3,150	1,650	1,250
Palm Beach (West) 1/						
Suwannee	1/	1/	1/	1/	1/	1,800
Other counties	2,850	3,050	3,000	2,050	2,700	1,700
State	45,700	37,900	34,000	29,400	25,900	19,700

1/ Included with other counties.

Cabbage: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1975-76	18,200	17,200	512	8,798	2.19	19,262
1976-77	17,100	16,300	480	7,828	6.16	48,225
1977-78	17,700	16,500	418	6,904	4.33	29,873
1978-79	18,300	17,800	501	8,912	5.82	51,907
1979-80	18,600	15,800	481	7,600	2.88	21,866
1980-81	17,600	15,800	487	7,696	3.52	27,115
1981-82	16,500	14,200	436	6,191	5.43	33,611
1982-83	16,300	14,700	464	6,824	3.32	22,687
1983-84	19,000	11,000	449	4,937	8.25	40,736
1984-85	19,600	16,650	491	8,174	6.21	50,775
1985-86	18,850	14,400	409	5,891	4.53	26,714
1986-87	16,600	13,300	427	5,677	4.62	26,202
1987-88	17,100	15,600	421	6,560	4.51	29,559
1988-89	15,900	15,500	418	6,480	4.70	30,433
1989-90	14,300	12,900	430	5,548	6.95	38,575

Cabbage: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 crates				
1985-86	35	513	760	872	1,072	1,661	943	35	5,891
1986-87 1/	37	600	741	915	1,180	1,284	838	82	5,677
1987-88	40	485	1,000	1,078	1,591	1,404	900	62	6,560
1988-89	39	584	1,027	1,188	1,667	1,283	652	40	6,480
1989-90	59	541	618	648	1,694	1,559	424	7	5,548
					Percent				
1985-86	.6	8.7	12.9	14.8	18.2	28.2	16.0	.6	100.0
1986-87 1/	.7	10.6	13.0	16.1	20.8	22.6	14.8	1.4	100.0
1987-88	.6	7.4	15.3	16.4	24.3	21.4	13.7	.9	100.0
1988-89	.6	9.0	15.9	18.3	25.7	19.8	10.1	.6	100.0
1989-90	1.1	9.8	11.1	11.7	30.5	28.1	7.6	.1	100.0

1/ October included with November.

Cabbage: Average value per crate for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars				
1985-86	4.75	6.75	6.80	4.10	3.80	3.45	4.60	4.40	4.53
1986-87 1/	5.56	4.60	5.05	3.75	4.10	4.65	5.60	6.65	4.62
1987-88	4.05	4.00	4.70	4.40	3.55	5.40	4.95	4.90	4.51
1988-89	4.50	4.60	3.90	4.25	4.50	5.20	6.30	6.30	4.70
1989-90	4.25	7.00	11.50	11.40	6.85	4.10	4.70	8.00	6.95

1/ October included with November.

Cabbage: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
Hastings	4,200	3,400	450	1,530
Other North & West	300	200	250	50
North Central	1,600	1,400	300	420
East & West Central	6,700	6,600	450	2,936
South	1,500	1,300	460	611
State	14,300	12,900	430	5,548

Cabbage: Acreage harvested by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
			Acres			
Flagler	2,100	2,500	3,500	3,300	2,500	2,100
Hillsborough	300	350	400	500	800	650
Manatee	450	650	1,100	1,400	3,400	5,000
Putnam & St. Johns	5,400	3,800	1,800	2,000	1,800	1,300
Other counties	8,400	7,100	6,500	8,400	7,000	3,850
State	16,650	14,400	13,300	15,600	15,500	12,900

Carrots: Acreage, production and value, Florida, crop years 1980-81 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per cwt	Total value
	Planted	Harvested				
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1980-81	11,000	10,500	130	1,365	12.30	16,970
1981-82	10,500	9,400	98	921	14.30	13,170
1982-83	10,600	10,000	110	1,100	10.50	11,550
1983-84	12,000	10,600	69	731	14.60	10,673
1984-85	12,500	11,500	92	1,058	10.30	10,897
1985-86	13,000	12,300	69	849	13.00	11,037
1986-87	12,600	12,100	88	1,065	10.80	11,502
1987-88	12,700	12,200	97	1,183	11.40	13,486
1988-89	9,700	9,400	100	940	16.00	15,040
1989-90	9,900	7,200	150	1,080	16.30	17,604

Carrots: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season total
				1,000 cwt					
1985-86	8	34	85	102	153	187	187	93	849
1986-87	11	32	160	224	255	181	138	64	1,065
1987-88	12	59	166	201	260	236	154	95	1,183
1988-89	9	103	160	207	188	132	113	28	940
1989-90	11	151	76	184	205	216	194	43	1,080
				Percent					
1985-86	1.0	4.0	10.0	12.0	18.0	22.0	22.0	11.0	100.0
1986-87	1.0	3.0	15.0	21.0	24.0	17.0	13.0	6.0	100.0
1987-88	1.0	5.0	14.0	17.0	22.0	20.0	13.0	8.0	100.0
1988-89	1.0	11.0	17.0	22.0	20.0	14.0	12.0	3.0	100.0
1989-90	1.0	14.0	7.0	17.0	19.0	20.0	18.0	4.0	100.0

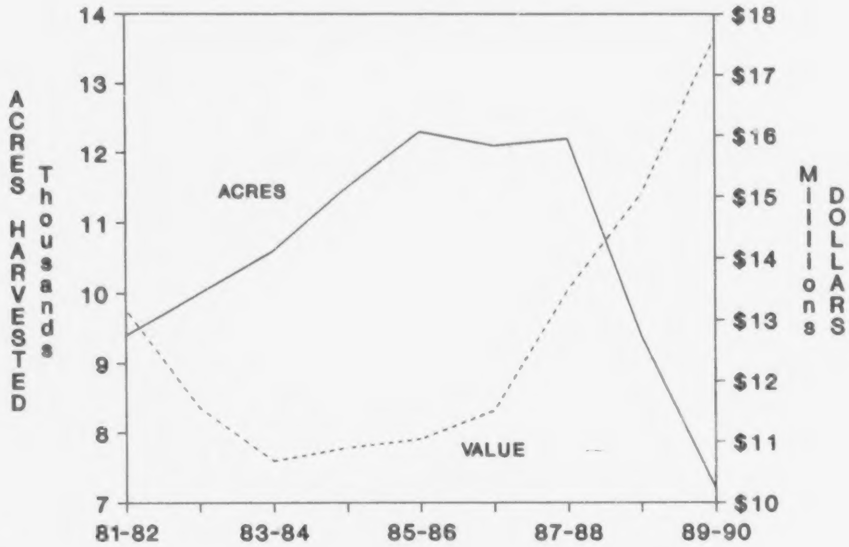
Carrots: Average value per hundredweight for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season total
				Dollars					
1985-86	14.70	23.60	17.10	11.20	11.40	12.90	12.00	12.20	13.00
1986-87	40.30	16.10	13.30	9.00	8.70	10.10	11.30	13.20	10.80
1987-88	42.90	12.50	10.30	11.30	9.00	11.50	14.50	10.20	11.40
1988-89	21.10	13.20	11.40	11.50	14.30	21.30	26.40	28.10	16.00
1989-90	30.40	12.30	16.30	19.30	18.10	14.80	15.60	16.00	16.30

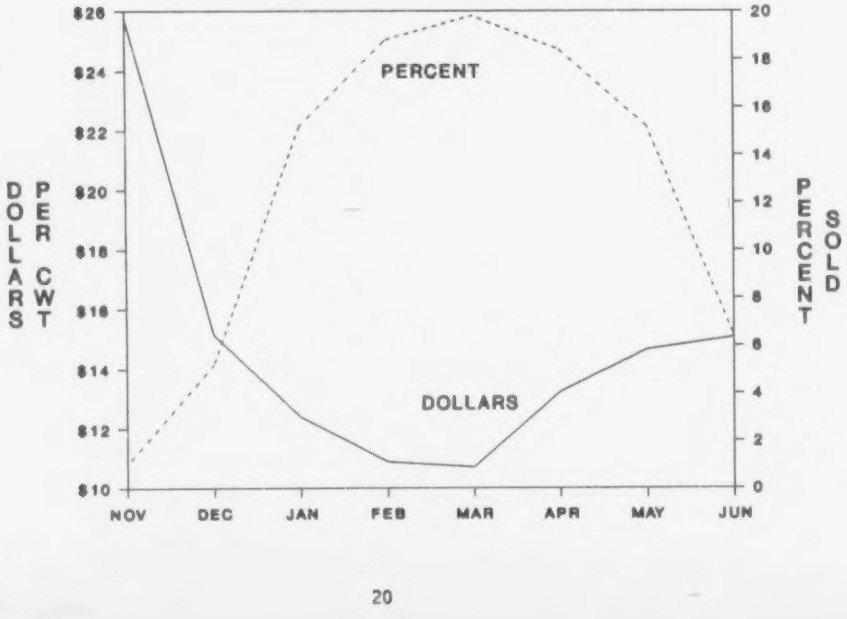
Carrots: Acreage harvested by areas, Florida,
crop year 1984-85 through 1989-90

Areas	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
			Acres			
Central	10,100	9,200	9,000	8,700	7,900	6,000
Everglades	1,400	3,100	3,100	3,500	1,500	1,200
State	11,500	12,300	12,100	12,200	9,400	7,200

CARROTS: 1981-82 THROUGH 1989-90
Harvested Acres, Value of Production



CARROTS: 1985-86 THROUGH 1989-90
Five Year Average of
Monthly Price & Percent Sold



Celery: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per crate	Total value
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1975-76	10,400	9,700	687	6,665	6.14	40,930
1976-77	10,700	10,100	578	5,833	6.70	39,082
1977-78	11,300	10,900	588	6,410	7.36	47,178
1978-79	12,300	11,700	695	8,135	6.78	55,142
1979-80	12,700	12,200	673	8,210	5.70	46,774
1980-81	11,700	10,400	605	6,291	7.09	44,613
1981-82	10,100	9,500	537	5,097	7.58	38,639
1982-83	9,700	9,400	666	6,257	8.77	54,880
1983-84	9,500	9,200	672	6,180	10.44	64,546
1984-85	9,300	8,600	665	5,720	6.38	36,515
1985-86	9,400	8,500	695	5,910	7.36	43,519
1986-87	9,100	8,500	705	5,993	7.09	42,494
1987-88	8,900	7,900	757	5,980	8.00	47,858
1988-89	8,800	8,300	716	5,939	9.25	54,915
1989-90	8,900	7,900	620	4,898	6.99	34,237

Celery: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
					1,000 crates					
1985-86	293	727	706	672	912	1,031	1,098	471	--	5,910
1986-87	268	612	651	853	937	959	1,157	518	38	5,993
1987-88	226	682	743	818	949	1,013	1,099	450	--	5,980
1988-89	212	925	840	765	842	941	1,186	228	--	5,939
1989-90	164	568	329	651	909	854	1,169	254	--	4,898
					Percent					
1985-86	5.0	12.3	11.9	11.4	15.4	17.4	18.6	8.0	--	100.0
1986-87	4.5	10.2	10.9	14.2	15.7	16.0	19.3	8.6	.6	100.0
1987-88	3.8	11.4	12.4	13.7	15.9	16.9	18.4	7.5	--	100.0
1988-89	3.6	15.6	14.1	12.9	14.2	15.8	20.0	3.8	--	100.0
1989-90	3.3	11.6	6.7	13.3	18.6	17.4	23.9	5.2	--	100.0

Celery: Average value per crate for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
					Dollars					
1985-86	9.30	6.00	7.02	5.64	5.82	8.94	8.76	7.50	--	7.36
1986-87	9.48	5.46	8.52	7.26	7.20	6.78	6.72	6.90	9.06	7.09
1987-88	6.30	7.32	11.16	8.58	4.95	7.74	9.30	7.50	--	8.00
1988-89	9.36	7.08	7.62	9.48	6.54	9.66	12.84	12.78	--	9.25
1989-90	10.32	7.20	10.08	7.98	5.07	5.22	7.38	8.88	--	6.99

Celery: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
Central	1,750	1,550	726	1,126
Everglades	7,150	6,350	594	3,772
State	8,900	7,900	620	4,898

Celery: Acreage harvested by areas, Florida, crop years 1984-85 through 1989-90

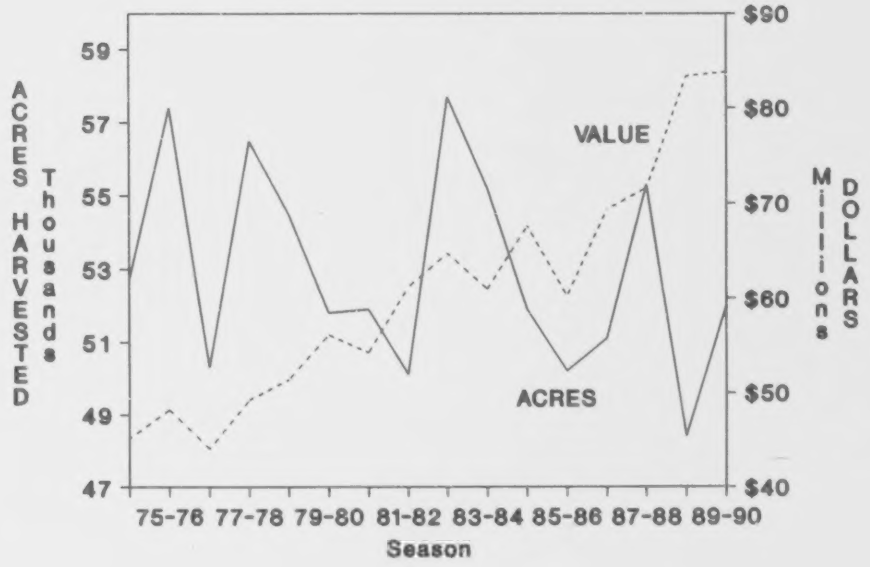
Areas	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
			Acres			
Central	1,700	1,700	1,550	1,550	1,500	1,500
Everglades	6,900	6,800	6,950	6,350	6,800	6,400
State	8,600	8,500	8,500	7,900	8,300	7,900

Sweet Corn: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1975-76	60,400	57,400	231	13,243	3.64	48,182
1976-77	63,300	50,300	238	11,990	3.68	44,070
1977-78	64,000	56,500	224	12,674	3.89	49,238
1978-79	58,400	54,500	222	12,112	4.25	51,423
1979-80	57,200	51,800	215	11,157	5.03	56,138
1980-81	57,800	51,900	217	11,259	4.82	54,246
1981-82	55,400	50,100	215	10,764	5.68	61,167
1982-83	62,500	57,700	196	11,281	5.74	64,745
1983-84	59,900	55,200	198	10,936	5.58	61,016
1984-85	61,500	51,900	215	11,152	6.06	67,581
1985-86	59,500	50,200	211	10,598	5.69	60,270
1986-87	54,900	51,100	224	11,466	6.05	69,350
1987-88	59,100	55,300	232	12,812	5.58	71,551
1988-89	58,700	48,400	236	11,426	7.30	83,380
1989-90	58,200	52,000	251	13,056	6.42	83,817

SWEET CORN: 1974-75 THROUGH 1989-90

Harvested Acres, Value of Production



Sweet Corn: Production sold, monthly, Florida, crop years 1980-81 through 1989-90

Crop year	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
					1,000 crates						
1980-81	640	962	536	364	90	274	1,460	3,283	3,376	274	11,259
1981-82	531	757	607	267	88	443	2,750	3,105	2,040	176	10,764
1982-83	657	731	486	281	188	376	848	3,481	3,481	752	11,281
1983-84	700	969	586	88	174	260	1,043	3,645	3,038	433	10,936
1984-85	770	1,115	446	357	2/	2/	1,327	4,494	2,465	178	11,152
1985-86	597	792	709	337	165	248	849	3,751	2,995	155	10,598
1986-87	449	894	652	343	247	450	1,689	3,560	2,931	251	11,466
1987-88	445	808	419	337	274	646	1,479	4,858	3,289	257	12,812
1988-89	262	433	429	260	331	431	680	5,320	3,046	234	11,426
1989-90	857	804	463	2/	2/	977	2,766	4,393	2,551	245	13,056
					Percent						
1980-81	5.7	8.5	4.8	3.2	.8	2.4	13.0	29.2	30.0	2.4	100.0
1981-82	4.9	7.0	5.7	2.5	.8	4.1	25.6	28.8	19.0	1.6	100.0
1982-83	5.8	6.5	4.3	2.5	1.7	3.3	7.5	30.9	30.9	6.6	100.0
1983-84	6.4	8.9	5.3	.8	1.6	2.4	9.5	33.3	27.8	4.0	100.0
1984-85	6.9	10.0	4.0	3.2	2/	2/	11.9	40.3	22.1	1.6	100.0
1985-86	5.6	7.5	6.7	3.2	1.6	2.3	8.0	35.4	28.2	1.5	100.0
1986-87	3.9	7.8	5.7	3.0	2.2	3.9	14.7	31.0	25.6	2.2	100.0
1987-88	3.5	6.3	3.3	2.6	2.1	5.0	11.6	37.9	25.7	2.0	100.0
1988-89	2.3	3.8	3.8	2.3	2.9	3.8	6.0	46.5	26.6	2.0	100.0
1989-90	6.6	6.2	3.5	2/	2/	7.3	21.2	33.6	19.5	1.9	100.0

1/ September included with October. 2/ Sales under .1 percent of total sales for season.

Sweet Corn: Average value per crate for fresh market sales, monthly, Florida, crop years 1980-81 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
						Dollars						
1980-81	5.45	5.80	4.75	5.10	6.40	8.95	8.40	5.25	4.55	4.15	3.95	4.82
1981-82	6.55	6.55	4.65	5.75	7.25	9.70	8.50	4.75	5.60	6.20	5.55	5.68
1982-83	6.10	6.15	6.55	7.70	8.05	9.95	10.25	7.40	5.40	4.50	4.45	5.74
1983-84	--	4.65	4.35	5.45	12.20	11.60	8.80	6.95	5.45	5.05	5.60	5.58
1984-85	--	4.85	4.75	5.85	6.45	--	--	6.15	7.05	5.05	6.95	6.06
1985-86	--	4.75	4.49	4.41	9.24	11.21	10.25	8.19	5.46	5.04	4.49	5.69
1986-87	--	8.06	5.67	5.17	6.59	11.68	8.02	6.72	5.59	5.54	4.24	6.05
1987-88	--	5.12	4.03	6.55	6.43	10.29	7.48	8.02	4.24	5.71	8.40	5.58
1988-89	--	9.20	9.53	6.22	10.63	8.36	11.26	11.00	6.22	6.93	8.95	7.30
1989-90	--	6.05	6.30	8.16	--	--	7.39	6.47	6.59	5.63	6.34	6.42

Sweet Corn: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
West & North	4,750	4,600	274	1,260
Central	12,600	12,450	249	3,100
Everglades	26,200	25,400	245	6,223
Southeast & Southwest	14,650	9,550	259	2,473
State	58,200	52,000	251	13,056

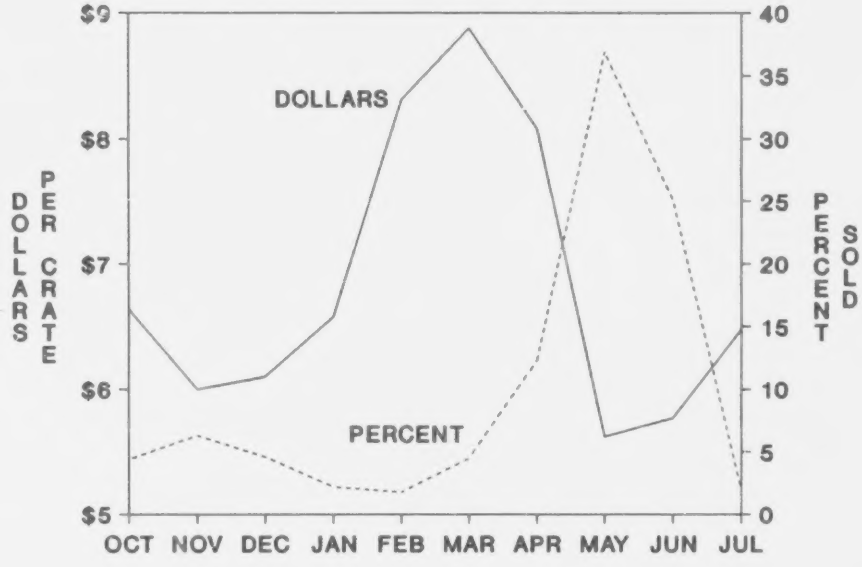
Sweet Corn: Acreage harvested by areas, Florida, crop years 1984-85 through 1989-90

Areas	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
				Acres		
West & North	1,350	1,200	1,400	2,300	2,300	4,600
Central	15,050	15,850	14,650	14,500	10,500	12,450
Everglades	25,600	21,500	20,400	25,000	24,700	25,400
Southeast & Southwest	9,900	11,650	14,650	13,500	10,900	9,550
State	51,900	50,200	51,100	55,300	48,400	52,000

SWEET CORN: 1985-86 THROUGH 1989-90

Five Year Average of

Monthly Price & Percent Sold



Cucumbers: Acreage and yield, Florida, crop years 1975-76 through 1989-90 1/

Crop year	Planted			Harvested			Yield per acre		
	Total	Fresh	Proc	Total	Fresh	Proc	Fresh & Proc	Fresh	Proc
	Acres						Bushels		
1975-76		16,000			15,400			246	
1976-77	22,200	16,100	6,100	20,700	15,000	5,700	203	221	155
1977-78	23,100	16,500	6,600	22,000	15,800	6,200	220	246	155
1978-79	23,300	16,600	6,700	22,000	15,700	6,300	238	268	164
1979-80	23,100	15,400	7,700	21,700	14,500	7,200	235	280	145
1980-81	21,200	15,800	5,400	19,900	14,900	5,000	241	273	145
1981-82		16,100			15,300			308	
1982-83		15,900			15,000			316	
1983-84	21,100	16,000	5,100	19,800	15,100	4,700	273	307	164
1984-85	22,000	16,800	5,200	20,900	16,100	4,800	293	326	182
1985-86	22,600	17,900	4,700	21,300	16,900	4,400	287	310	200
1986-87	21,200	17,200	4,000	20,000	16,100	3,900	304	324	218
1987-88	21,600	15,600	6,000	20,850	14,850	6,000	337	385	218
1988-89	17,950	15,250	2,700	16,600	13,900	2,700	408	450	193
1989-90	17,100	14,700	2,400	16,100	13,700	2,400	427	464	215

Cucumbers: Production and value, Florida, crop years 1975-76 through 1989-90 1/

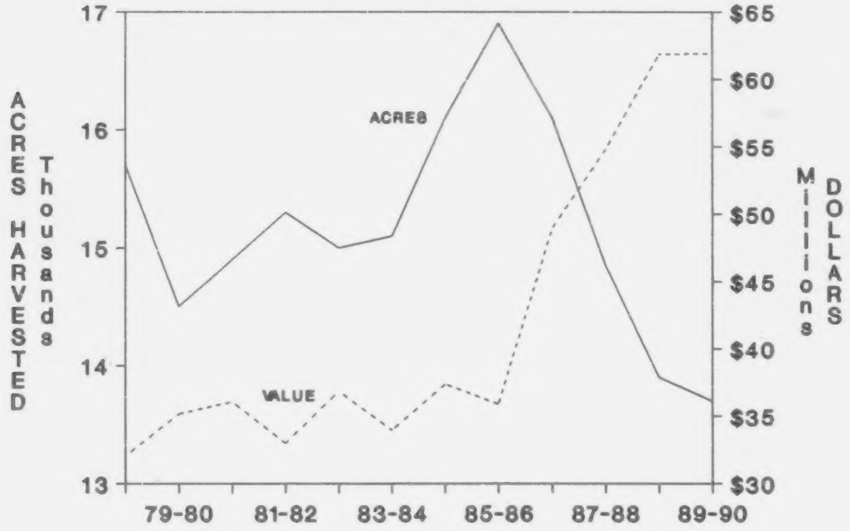
Crop year	Production		Value per bushel		Total value	
	Fresh	Proc	Fresh	Proc	Fresh	Proc
	1,000 bushels		Dollars		1,000 dollars	
1975-76	3,791		4.17		15,806	
1976-77	3,318	882	5.95	4.77	19,726	4,210
1977-78	3,884	960	5.77	5.03	22,398	4,831
1978-79	4,209	1,031	7.61	5.42	32,050	5,585
1979-80	4,056	1,047	8.67	10.01	35,168	10,483
1980-81	4,072	727	8.85	8.09	36,054	5,880
1981-82	4,707		7.00		32,970	
1982-83	4,742		7.77		36,851	
1983-84	4,635	769	7.33	8.28	33,971	6,366
1984-85	5,242	873	7.13	7.56	37,353	6,600
1985-86	5,239	880	6.86	7.65	35,920	6,728
1986-87	5,224	851	9.37	8.69	48,974	7,394
1987-88	5,717	1,309	9.58	8.25	54,778	10,800
1988-89	6,255	521	9.89	10.02	61,837	5,223
1989-90	6,362	516	9.73	10.43	61,873	5,381

1/ Data prior to 1976-77 and for crop years 1981-82 and 1982-83 for the processing segment are not published separately but is included in "other" vegetables.

FRESH MARKET CUCUMBERS

1978-79 through 1989-90

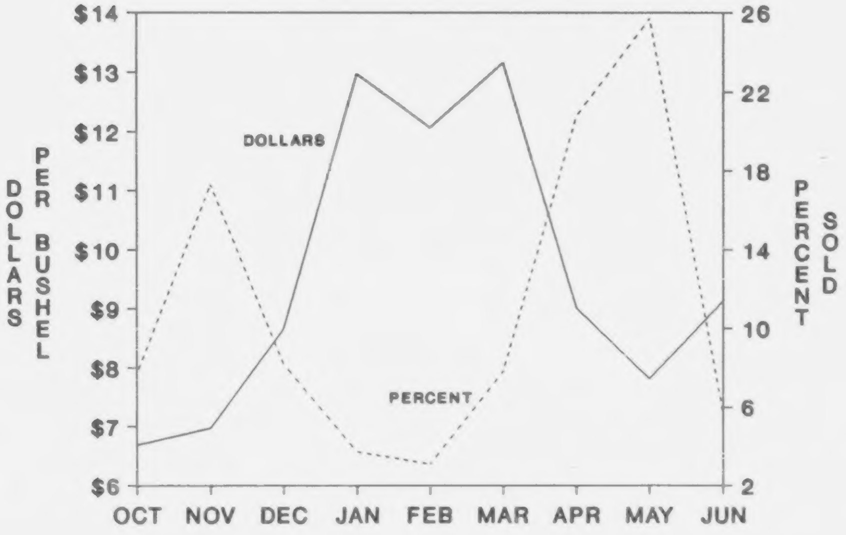
Harvested Acres, Value of Production



FRESH MARKET CUCUMBERS

Five Year Average of

Monthly Price & Percent Sold



Cucumbers: Production sold, for fresh market, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 bushels					
1985-86	320	964	526	250	151	258	1,247	1,289	1/ 234	5,239
1986-87	432	989	460	157	133	401	921	1,306	1/ 425	5,224
1987-88	387	851	420	266	177	367	1,277	1,490	482	5,717
1988-89	593	1,180	431	249	232	377	1,129	1,759	305	6,255
1989-90	503	970	503	118	205	898	1,433	1,567	165	6,362
					Percent					
1985-86	6.1	18.4	10.0	4.8	2.9	4.9	23.8	24.6	1/ 4.5	100.0
1986-87	8.3	18.9	8.8	3.0	2.5	7.7	17.6	25.0	1/ 8.2	100.0
1987-88	6.8	14.9	7.3	4.7	3.1	6.4	22.3	26.1	8.4	100.0
1988-89	9.5	18.9	6.9	4.0	3.7	6.0	18.0	28.1	4.9	100.0
1989-90	7.9	15.2	7.9	1.9	3.2	14.1	22.5	24.6	2.6	100.0

1/ July included with June.

Cucumbers: Average value per bushel for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
						Dollars					
1985-86	6.00	8.40	8.50	9.90	9.65	9.90	5.90	4.90	5.50	5.50	6.86
1986-87	10.30	4.95	7.20	18.50	15.80	9.80	9.40	10.90	12.50	5.85	9.37
1987-88	6.90	7.85	8.15	9.00	8.90	17.30	11.20	7.85	11.80	--	9.58
1988-89	5.80	5.50	10.00	18.50	15.90	15.50	12.10	9.60	9.50	--	9.89
1989-90	11.10	12.60	11.30	13.50	10.40	9.00	10.70	6.50	6.30	--	9.73

Cucumbers: Acreage and production for fresh market by areas, Florida, 1989-90 crop year

Areas	Acreage Planted	Acreage Harvested	Yield per acre	Production
	Acres		Bushels	1,000 bushels
West 1/				
North	1,250	1,200	358	430
North Central	750	700	380	266
West Central	4,100	3,900	400	1,560
East Central 2/				
Southwest	4,800	4,600	595	2,737
Everglades 3/				
Southeast	3,800	3,300	415	1,370
State	14,700	13,700	464	6,362

1/ Included in North. 2/ Included in West Central. 3/ Included in Southeast.

Cucumbers: Acreage harvested for fresh market by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
	Acres					
Alachua	1,050	900	850	800	800	650
Collier	1,600	2,100	1,700	1,350	1,350	1,300
Dade	1/	200	200	400	550	400
Desoto	700	800	700	500	350	400
Hardee	2,300	2,400	2,200	1,750	1,600	1,400
Hendry	1,200	1,600	1,800	1,450	1,600	1,650
Hillsborough	300	350	300	350	1,100	500
Lee	2,000	2,000	1,800	1,650	1,450	1,650
Manatee	550	850	1,000	1,100	1,300	1,200
Palm Beach (East)	2,400	2,700	3,500	3,800	2,550	2,600
Seminole	150	100	150	300	200	300
Sumter	300	200	150	300	250	300
Other counties	3,550	2,700	1,750	1,100	800	1,350
State	16,100	16,900	16,100	14,850	13,900	13,700

1/ Included in other counties.

Eggplant: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per bushel	Total value
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
1975-76	2,400	2,300	688	1,582	3.06	4,841
1976-77	2,250	1,950	701	1,367	3.90	5,332
1977-78	2,400	2,250	660	1,485	3.80	5,636
1978-79	3,100	2,800	585	1,639	4.14	6,784
1979-80	3,100	2,800	600	1,679	4.36	7,328
1980-81	3,100	2,800	592	1,658	5.67	9,394
1981-82	2,640	2,530	657	1,661	5.76	9,568
1982-83	2,590	2,500	666	1,666	5.06	8,429
1983-84	2,300	2,100	710	1,491	5.84	8,713
1984-85	2,680	2,500	658	1,646	4.30	7,075
1985-86	2,500	2,350	675	1,586	5.73	9,093
1986-87	2,400	2,300	689	1,585	6.08	9,634
1987-88	2,200	2,100	668	1,403	7.31	10,253
1988-89	2,100	2,000	810	1,619	7.05	11,413
1989-90	2,050	1,950	815	1,589	8.52	13,537

Eggplant: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 bushels					
1985-86	135	226	164	200	110	85	192	278	178	18	1,586
1986-87	137	238	194	187	147	90	197	223	147	25	1,585
1987-88	139	184	150	175	92	85	118	221	191	48	1,403
1988-89	104	206	161	191	148	170	184	272	173	10	1,619
1989-90	168	229	142	36	40	221	250	339	157	7	1,589
						Percent					
1985-86	8.5	14.3	10.3	12.7	6.9	5.4	12.1	17.5	11.2	1.1	100.0
1986-87	8.6	15.0	12.2	11.8	9.3	5.7	12.4	14.1	9.3	1.6	100.0
1987-88	9.9	13.1	10.7	12.5	6.6	6.1	8.4	15.7	13.6	3.4	100.0
1988-89	6.5	12.7	9.9	11.8	9.1	10.5	11.4	16.8	10.7	0.6	100.0
1989-90	10.6	14.4	8.9	2.3	2.5	13.9	15.7	21.3	9.9	0.4	100.0

1/ September included with October.

Eggplant: Average value per bushel for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Average
					Dollars						
1985-86	5.35	7.20	4.25	4.15	4.85	9.40	5.45	6.30	5.55	5.45	5.73
1986-87	5.50	4.40	3.30	4.30	5.70	10.30	6.50	8.10	9.00	8.50	6.08
1987-88	6.05	7.60	4.95	6.25	10.40	14.30	10.40	6.45	6.00	4.50	7.31
1988-89	8.90	8.05	6.20	5.95	7.20	6.45	7.05	7.20	7.10	4.90	7.05
1989-90	6.70	7.50	13.50	25.70	23.50	12.20	6.35	5.25	5.30	5.40	8.52

1/ September included with October.

Eggplant: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West 1/				
North	300	300	620	186
North Central	300	300	690	207
West Central	200	200	770	154
East Central	--	--	--	--
Southwest	150	150	880	132
Everglades	--	--	--	--
Southeast	1,100	1,000	910	910
State	2,050	1,950	815	1,589

1/ West included with North.

Eggplant: Acreage harvested by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
			Acres			
Alachua	200	200	180	200	200	200
Broward	200	250	200	100	100	100
Palm Beach (East)	890	800	750	850	800	800
Other counties	1,210	1,100	1,170	950	900	850
State	2,500	2,350	2,300	2,100	2,000	1,950

Escarole: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per crate	Total value
	Planted	Harvested				
	Acres		Crates	1,000 crates	Dollars	1,000 dollars
1975-76	6,700	5,800	532	3,088	3.19	9,860
1976-77	6,900	6,000	513	3,080	4.07	12,521
1977-78	6,600	6,100	535	3,264	4.63	15,124
1978-79	7,100	6,500	515	3,348	4.05	13,547
1979-80	7,500	6,300	481	3,028	3.72	11,263
1980-81	7,500	6,200	470	2,912	3.91	11,376
1981-82	5,900	5,300	512	2,712	6.65	18,024
1982-83	6,200	5,600	519	2,908	5.17	15,039
1983-84	6,250	5,700	505	2,876	4.92	14,136
1984-85	6,300	5,700	500	2,852	4.83	13,786
1985-86	6,100	5,500	480	2,640	5.42	14,296
1986-87	5,500	5,100	479	2,442	4.96	12,123
1987-88	4,900	4,700	547	2,573	4.90	12,619
1988-89	4,500	4,250	551	2,343	4.10	9,607
1989-90	4,000	3,500	483	1,690	4.70	7,945

Escarole: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
					1,000 crates				
1985-86	22	266	402	464	319	456	428	283	2,640
1986-87	16	265	337	386	363	417	379	279	2,442
1987-88	14	263	398	514	409	394	365	216	2,573
1988-89	30	239	358	415	382	325	415	179	2,343
1989-90	30	201	208	155	279	384	294	139	1,690
					Percent				
1985-86	.8	10.1	15.3	17.6	12.1	17.2	16.2	10.7	100.0
1986-87	.7	10.8	13.8	15.8	14.9	17.1	15.5	11.4	100.0
1987-88	.5	10.2	15.5	20.0	15.9	15.3	14.2	8.4	100.0
1988-89	1.3	10.2	15.3	17.7	16.3	13.9	17.7	7.6	100.0
1989-90	1.8	11.9	12.3	9.2	16.5	22.7	17.4	8.2	100.0

Escarole: Average value per crate for fresh market sales, monthly,
Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
						Dollars				
1985-86	5.38	5.08	6.20	6.93	5.33	4.30	4.47	5.48	--	5.42
1986-87	4.90	4.65	6.00	5.25	6.40	4.10	4.20	4.10	--	4.96
1987-88	4.70	6.65	7.50	5.55	3.90	3.05	3.00	5.00	--	4.90
1988-89	4.60	4.00	3.40	4.10	3.40	4.80	3.30	7.60	--	4.10
1989-90	6.50	5.45	3.85	9.00	4.05	3.35	3.45	7.40	--	4.70

Escarole: Acreage and production by areas,
Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Crates	1,000 crates
Central	1,000	950	550	523
Everglades	3,000	2,550	458	1,168
State	4,000	3,500	483	1,690

Escarole: Acreage harvested by areas, Florida,
crop years 1984-85 through 1989-90

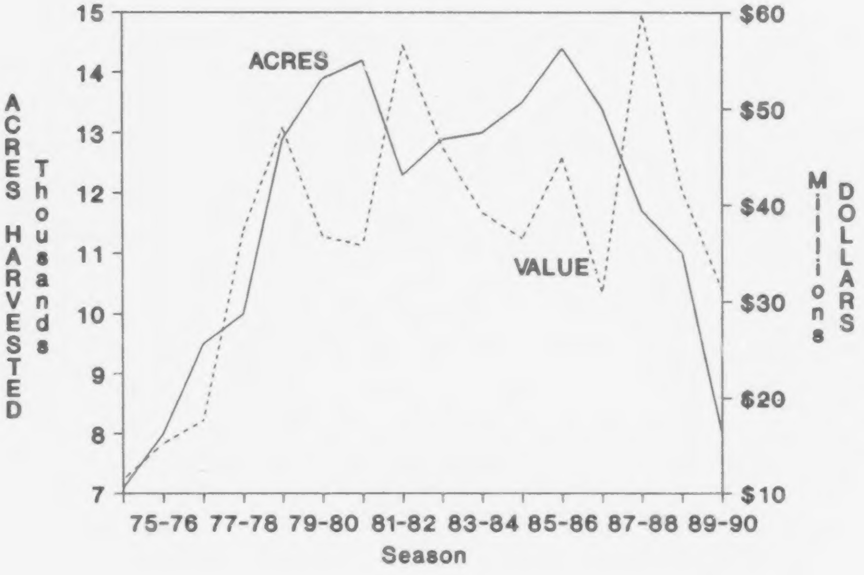
Areas	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
			Acres			
Central	1,900	1,700	1,500	1,300	1,050	950
Everglades	3,800	3,800	3,600	3,400	3,200	2,550
State	5,700	5,500	5,100	4,700	4,250	3,500

Lettuce: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per cwt	Total value
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1975-76	9,400	8,000	184	1,473	10.35	15,247
1976-77	11,700	9,500	151	1,430	12.34	17,650
1977-78	11,400	10,000	195	1,952	19.09	37,272
1978-79	14,100	12,900	199	2,562	18.75	48,032
1979-80	15,400	13,900	193	2,688	13.67	36,750
1980-81	16,700	14,200	188	2,671	13.39	35,759
1981-82	14,100	12,300	183	2,250	25.16	56,599
1982-83	14,400	12,900	190	2,451	18.83	46,151
1983-84	15,600	13,000	179	2,328	16.84	39,210
1984-85	16,050	13,500	170	2,295	15.90	36,491
1985-86	16,000	14,400	163	2,350	19.13	44,949
1986-87	15,100	13,400	150	2,015	15.32	30,868
1987-88	12,600	11,700	203	2,380	25.11	59,768
1988-89	11,800	11,000	198	2,180	19.06	41,558
1989-90	10,600	8,000	192	1,536	20.26	31,115

LETTUCE: 1974-75 THROUGH 1989-90

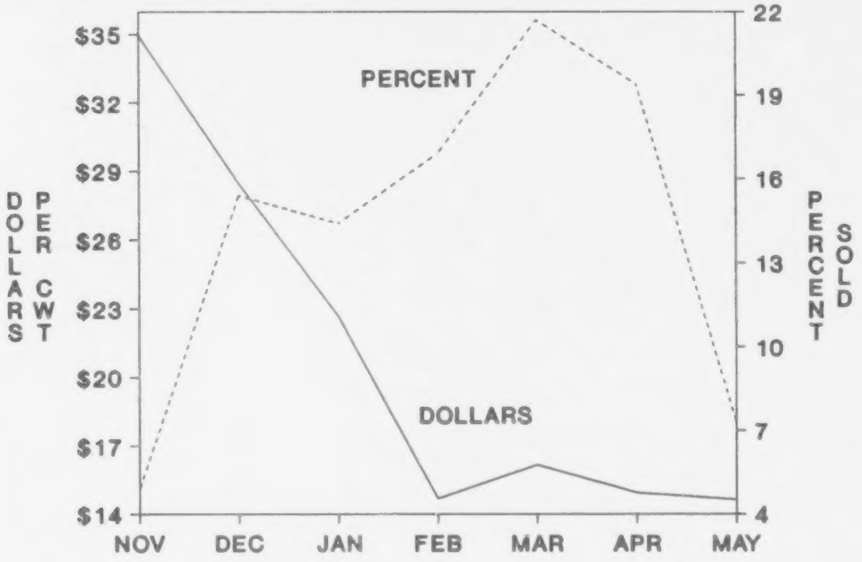
Harvested Acres, Value of Production



LETTUCE: 1985-86 THROUGH 1989-90

Five Year Average of

Monthly Price & Percent Sold



Lettuce: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage: Planted	Acreage: Harvested	Yield per acre	Production
	Acres		Cwt	1,000 cwt
Central	950	750	153	115
Everglades	9,650	7,250	196	1,421
State	10,600	8,000	192	1,536

Lettuce: Acreage harvested by areas, Florida, crop years 1984-85 through 1989-90

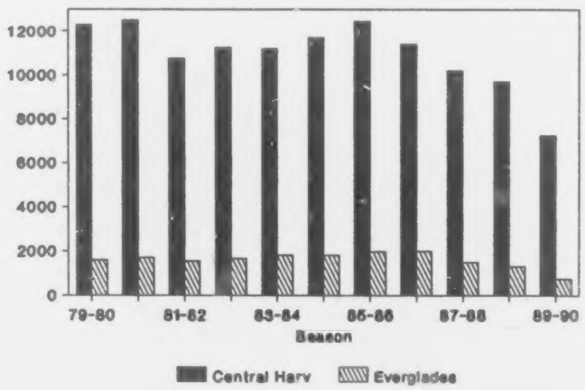
Areas	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
				Acres		
Central	1,800	1,950	2,000	1,500	1,300	750
Everglades	11,700	12,450	11,400	10,200	9,700	7,250
State	13,500	14,400	13,400	11,700	11,000	8,000

Lettuce: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
					1,000 cwt				
1985-86	--	91	367	372	249	378	545	348	2,350
1986-87	--	80	300	236	358	449	427	165	2,015
1987-88	--	74	353	476	575	439	378	85	2,380
1988-89	--	114	291	474	568	394	265	74	2,180
1989-90	--	130	286	41	89	514	378	98	1,536
					Percent				
1985-86	--	3.9	15.6	15.8	10.6	16.1	23.2	14.8	100.0
1986-87	--	3.9	14.9	11.7	17.8	22.3	21.2	8.2	100.0
1987-88	--	3.1	14.8	20.0	24.2	18.4	15.9	3.6	100.0
1988-89	--	5.2	13.3	21.7	26.1	18.1	12.2	3.4	100.0
1989-90	--	8.4	18.6	2.7	5.8	33.5	24.6	6.4	100.0

Lectuce: Average value per cwt for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Average
					Dollars				
1985-86	--	28.50	20.50	17.00	12.80	17.20	19.90	22.90	19.13
1986-87	--	23.90	17.60	18.50	13.00	16.90	12.50	10.50	15.32
1987-88	--	53.20	54.20	34.10	15.00	15.50	11.20	9.50	25.11
1988-89	--	29.90	25.40	23.00	16.60	15.30	13.40	11.50	19.06
1989-90	--	39.20	24.60	20.80	16.00	16.00	17.60	18.70	20.26



LETTUCE: 1979-80 THROUGH 1989-90

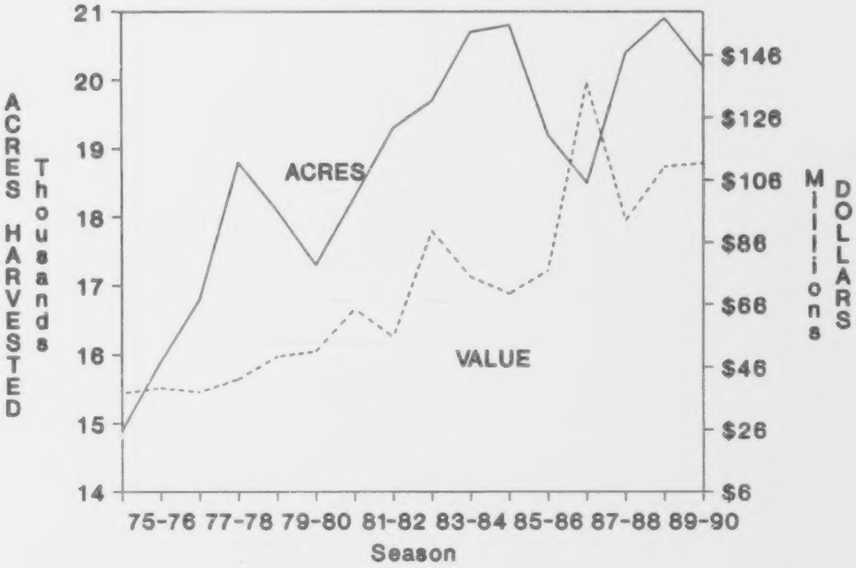
Harvested Acres by Area

Green Peppers: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per bushel	Total value
	Planted	Harvested				
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
1975-76	16,800	15,900	454	7,220	5.45	39,326
1976-77	21,100	16,800	400	6,720	5.66	38,054
1977-78	20,400	18,800	434	8,164	5.17	42,188
1978-79	19,800	18,100	445	8,056	6.13	49,413
1979-80	18,700	17,300	414	7,156	7.13	51,035
1980-81	20,400	18,300	435	7,968	8.10	64,516
1981-82	21,500	19,300	412	7,944	7.00	55,592
1982-83	21,400	19,700	482	9,492	9.45	89,687
1983-84	23,000	20,700	467	9,660	7.75	74,833
1984-85	22,700	20,800	507	10,540	6.59	69,460
1985-86	21,100	19,200	586	11,250	6.83	76,786
1986-87	20,100	18,500	617	11,423	12.00	137,033
1987-88	21,500	20,400	649	13,232	7.03	93,044
1988-89	21,900	20,900	673	14,068	7.83	110,181
1989-90	23,100	20,200	655	13,235	8.41	111,246

GREEN PEPPERS: 1974-75 THROUGH 1989-90

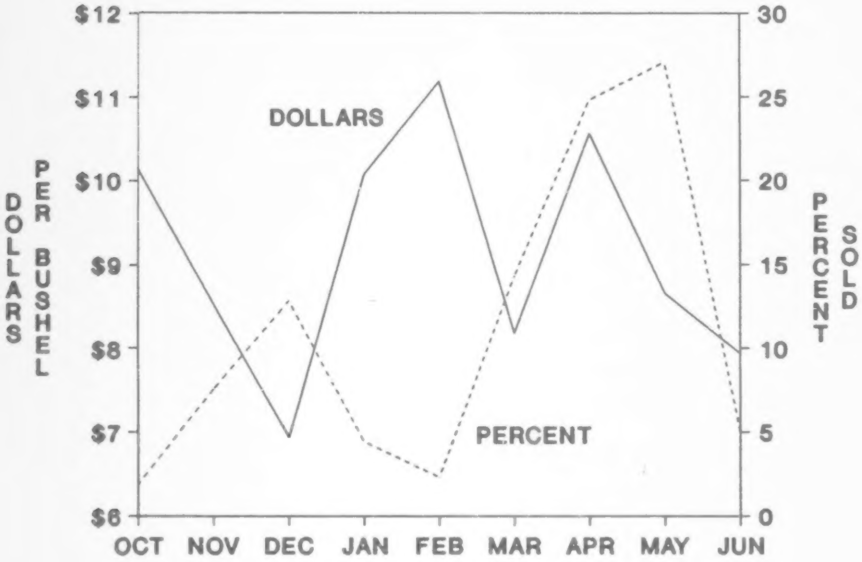
Acres Harvested, Value of Production



GREEN PEPPERS: 1985-86 THROUGH 1989-90

Five Year Average of

Monthly Price & Percent Sold



Green Peppers: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 bushels					
1985-86	208	1,234	1,451	1,194	790	1,079	2,014	2,320	960	11,250
1986-87	251	1,292	1,879	1,272	1,080	1,286	1,680	2,057	626	11,423
1987-88	150	1,062	1,797	1,234	1,123	1,580	2,325	2,657	1,304	13,232
1988-89	200	1,380	1,904	1,606	1,434	1,874	2,056	2,674	940	14,068
1989-90	250	1,002	1,688	582	304	1,886	3,278	3,582	663	13,235
					Percent					
1985-86	1.8	11.0	12.9	10.6	7.0	9.6	17.9	20.6	8.6	100.0
1986-87	2.2	11.3	16.4	11.1	9.5	11.3	14.7	18.0	5.5	100.0
1987-88	1.1	8.0	13.6	9.3	8.5	11.9	17.6	20.1	9.9	100.0
1988-89	1.4	9.8	13.6	11.4	10.2	13.3	14.6	19.0	6.7	100.0
1989-90	1.9	7.6	12.8	4.4	2.3	14.3	24.8	27.1	5.0	100.0

Green Peppers: Average value per bushel for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1985-86	8.00	7.85	6.40	5.90	5.65	8.00	8.75	5.60	5.60	6.83
1986-87	10.00	11.90	8.70	8.20	9.00	10.10	15.80	17.10	12.70	12.00
1987-88	10.10	7.10	6.35	5.35	5.55	6.35	10.90	6.25	5.95	7.03
1988-89	6.25	5.75	5.40	6.00	8.30	7.80	11.40	8.40	9.15	7.83
1989-90	16.30	10.00	7.85	24.90	27.40	8.65	5.95	5.90	6.30	8.41

Green Peppers: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West 1/				
North	1,450	1,300	410	533
North Central	1,100	1,050	470	494
West Central	4,100	3,750	610	2,288
East Central	--	--	--	--
Southwest	11,100	9,300	700	6,510
Everglades 2/				
Southeast	5,350	4,800	730	3,504
State	23,100	20,200	655	13,235

1/ West included with North.

2/ Everglades included with Southeast.

Green Peppers: Acreage harvested by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
				Acres		
Alachua	1,400	1,000	800	1,200	1,000	800
Broward	800	650	350	250	1/	1/
Charlotte	500	200	200	1/	1/	1/
Collier	2,800	3,100	3,800	4,800	5,100	5,200
Hardee	200	300	250	450	550	550
Hendry	1,200	1,300	1,700	1,800	3,000	2,500
Hillsborough	1,600	1,000	1,000	1,450	1,800	1,900
Lee	1,600	1,350	1,500	1,700	1,800	1,600
Manatee	1/	1/	1/	1,250	1,350	1,000
Palm Beach (East)	5,600	5,600	5,500	5,250	4,200	4,350
Seminole	400	400	300	200	200	200
Sumter	900	1,000	600	600	700	700
Volusia	200	250	200	1/	1/	1/
Other counties	3,600	3,050	2,300	1,450	1,200	1,400
State	20,800	19,200	18,500	20,400	20,900	20,200

1/ Included in other counties.

Potatoes: Acreage, production, and value, Florida, crop years 1976 through 1990

Crop year	Acreage		Yield per acre	Production	Value per cwt	Total value
	Planted	Harvested				
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
Winter:						
1985	7,800	7,800	165	1,287	18.40	23,681
1986	7,400	7,200	210	1,512	16.[illegible]	24,494
1987	7,300	7,100	200	1,420	23.90	33,938
1988	7,300	7,100	200	1,420	10.60	15,052
1989	7,600	7,600	190	1,444	24.30	35,089
1990	8,000	7,700	140	1,078	38.30	41,287
Spring (Hastings):						
1985	26,500	26,000	245	6,370	7.60	48,412
1986	25,000	24,500	280	6,860	6.05	41,503
1987	27,000	26,500	195	5,168	14.50	74,936
1988	27,000	26,500	235	6,228	4.50	28,026
1989	28,500	28,000	195	5,460	11.90	64,974
1990	29,000	28,700	240	6,888	8.25	56,826
Spring (Other):						
1985	1,400	1,300	210	273	9.50	2,594
1986	1,000	900	190	171	9.60	1,642
1987	2,200	2,100	190	399	13.90	5,546
1988	2,600	2,500	210	525	5.95	3,124
1989	7,500	7,000	200	1,400	20.70	28,980
1990	8,500	8,300	220	1,826	23.40	42,728
All seasons:						
1976	31,900	31,000	203	6,293	6.66	41,931
1977	30,500	30,100	206	6,207	6.71	41,670
1978	32,800	32,300	175	5,658	6.21	35,171
1979	30,700	28,000	215	6,008	5.06	30,435
1980	29,600	27,300	194	5,304	6.80	36,217
1981	30,500	29,900	220	6,565	11.10	73,001
1982	32,800	31,900	219	6,989	8.90	62,272
1983	32,100	31,300	193	6,045	9.25	56,011
1984	34,900	33,600	236	7,924	8.90	70,526
1985	35,700	35,100	226	7,930	9.40	74,687
1986	33,400	32,600	262	8,543	7.90	67,639
1987	36,500	35,700	196	6,987	16.40	114,420
1988	36,900	36,100	226	8,173	5.65	46,202
1989	43,600	42,600	195	8,304	15.50	129,043
1990	45,500	44,700	219	9,792	14.40	140,841

Potatoes: Production sold,monthly, Florida, crop years 1986 through 1990

Crop year	Jan	Feb	Mar	Apr	May	June 1/	Total
				1,000 cwt			
1986	15	181	511	1,739	4,146	1,913	8,505
1987	14	169	423	846	4,187	1,315	6,954
1988	8	73	423	1,212	4,254	2,164	8,134
1989	41	157	529	1,289	4,519	1,726	8,261
1990	32	32	415	3,543	4,159	1,552	9,733
				Percent			
1986	.2	2.1	6.0	20.4	48.8	22.5	100.0
1987	.2	2.4	6.1	12.2	60.2	18.9	100.0
1988	.1	.9	5.2	14.9	52.3	26.6	100.0
1989	.5	1.9	6.4	15.6	54.7	20.9	100.0
1990	.3	.3	4.3	36.4	42.7	16.0	100.0

1/ Includes small quantities sold in July.

Potatoes: Average value per cwt for all sales, monthly, Florida, crop years 1986 through 1990

Crop year	Jan	Feb	Mar	Apr	May	June	Average
				Dollars			
1986	13.00	13.00	15.40	11.80	6.15	5.55	7.90
1987	21.00	21.00	20.00	21.80	15.20	13.90	16.40
1988	13.00	13.00	11.80	8.65	5.25	3.20	5.65
1989	16.50	16.60	17.80	28.50	13.00	11.80	15.50
1990	42.00	42.00	44.60	20.00	8.70	7.60	14.40

Potatoes: Acreage and production by areas, Florida, 1990 crop year

Seasons and areas	Acreage: Planted	Acreage: Harvested	Yield per acre	Production
	Acres		Cwt	1,000 cwt
Spring				
Hastings	29,000	28,700	240	6,888
Other Spring 1/	8,500	8,300	220	1,826
Winter				
Southwest	2,700	2,600	140	364
Southeast	5,300	5,100	140	714
State	45,500	44,700	219	9,792

1/ Includes West, North, Central, and Martin County (Spring).

Potatoes: Acreage harvested by selected counties, Florida, crop years 1985 through 1990

Counties	1985	1986	1987	1988	1989	1990
			Acres			
Dade	5,500	5,000	5,000	5,200	5,100	4,800
Flagler	3,000	2,000	1,700	2,200	3,000	3,100
Putnam	4,500	4,300	5,600	4,400	4,500	4,900
St. Johns	18,500	18,200	19,200	19,900	20,500	20,700
Other counties	3,600	3,100	4,200	4,400	9,500	11,200
Winter total	7,800	7,200	7,100	7,100	7,600	7,700
Spring total	27,300	25,400	28,600	29,000	35,000	37,000
State total	35,100	32,600	35,700	36,100	42,600	44,700

Radishes: Acreage, production, and value, Florida, crop years 1980-81 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per carton	Total value
	Planted	Harvested				
	Acres		Cartons	1,000 cartons	Dollars	1,000 dollars
1980-81	32,900	29,000	247	7,153	2.79	19,957
1981-82	27,700	24,500	240	5,880	4.05	23,814
1982-83	27,400	24,700	247	6,093	4.58	27,877
1983-84	28,800	25,400	207	5,267	4.36	22,989
1984-85	29,100	25,600	247	6,313	2.96	18,656
1985-86	29,400	26,100	216	5,638	3.78	21,312
1986-87	29,700	27,000	207	5,589	3.15	17,605
1987-88	28,000	26,300	192	5,050	3.70	18,685
1988-89	28,200	27,000	235	6,345	3.15	19,987
1989-90	29,000	23,000	350	8,050	3.54	28,497

Radishes: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 cartons					
1985-86	232	912	807	680	584	672	864	824	63	5,638
1986-87	551	637	683	591	680	721	859	778	89	5,589
1987-88	168	419	738	654	696	831	890	520	134	5,050
1988-89	357	846	755	697	705	763	912	1,111	199	6,345
1989-90	344	1,113	1,083	896	927	1,125	1,156	1,302	104	8,050
					Percent					
1985-86	4.1	16.2	14.3	12.1	10.4	11.9	15.3	14.6	1.1	100.0
1986-87	9.9	11.4	12.2	10.6	12.2	12.9	15.4	13.9	1.6	100.0
1987-88	3.3	8.3	14.6	13.0	13.8	16.4	17.6	10.3	2.7	100.0
1988-89	5.6	13.4	11.9	11.0	11.1	12.0	14.4	17.5	3.1	100.0
1989-90	4.3	13.8	13.4	11.1	11.5	14.0	14.4	16.2	1.3	100.0

Radishes: Average value per carton for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

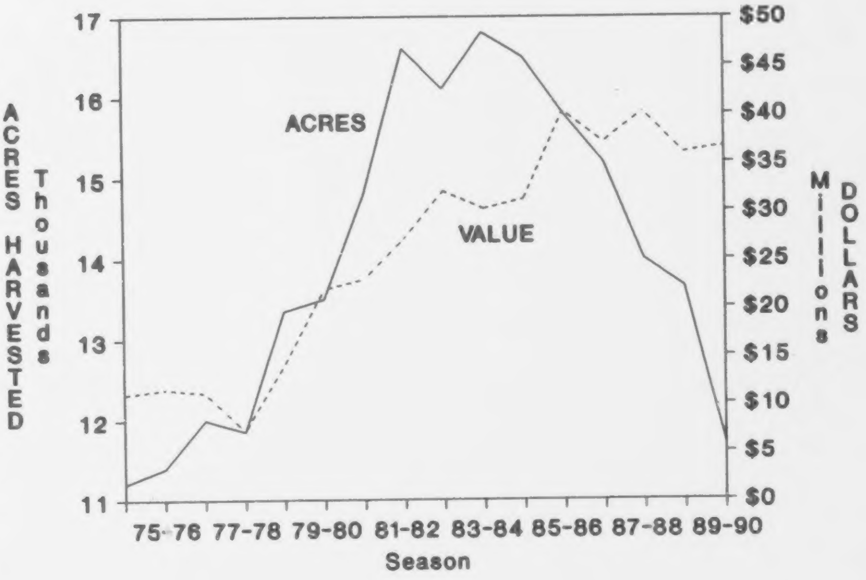
Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1985-86	3.55	3.20	4.65	3.80	3.90	4.40	3.20	3.50	5.49	3.78
1986-87	4.50	3.00	3.30	3.80	2.60	2.50	3.00	3.00	2.90	3.15
1987-88	2.60	5.20	4.50	3.10	2.50	2.80	3.50	4.50	6.90	3.70
1988-89	2.10	2.40	3.90	3.00	2.50	4.00	2.50	3.70	4.70	3.15
1989-90	5.20	3.20	3.90	5.60	3.40	2.50	2.70	3.40	3.50	3.54

Squash: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage: Planted	Acreage: Harvested	Yield per acre	Production	Value per bushel	Total value
	Acres		Bushels	1,000 bushels	Dollars	1,000 dollars
1975-76	11,900	11,400	154	1,761	6.53	11,508
1976-77	12,600	12,000	158	1,893	5.89	11,156
1977-78	12,350	11,850	143	1,693	4.28	7,253
1978-79	13,850	13,350	139	1,860	7.51	13,971
1979-80	14,000	13,500	174	2,350	9.30	21,855
1980-81	15,600	14,800	159	2,357	9.72	22,904
1981-82	17,400	16,600	168	2,788	9.69	27,029
1982-83	16,700	16,100	179	2,874	11.12	31,949
1983-84	17,700	16,800	177	2,981	10.12	30,173
1984-85	17,700	16,500	172	2,829	11.00	31,119
1985-86	16,700	15,800	202	3,192	12.60	40,219
1986-87	16,100	15,200	198	3,010	12.30	37,023
1987-88	14,700	14,000	243	3,402	11.80	40,144
1988-89	15,200	13,650	277	3,785	9.50	35,958
1989-90	13,600	11,700	340	3,978	9.20	36,598

SQUASH: 1974-75 THROUGH 1989-90

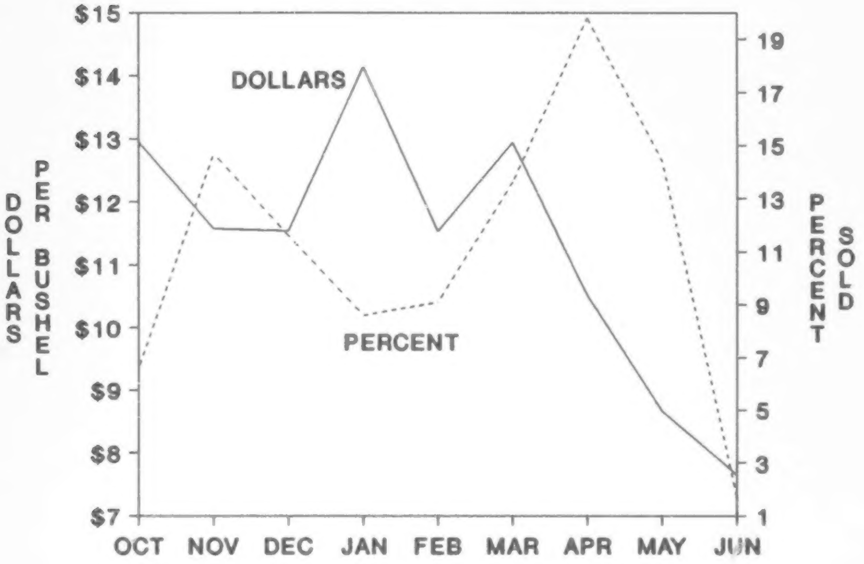
Acres Harvested, Value of Production



SQUASH: 1985-86 THROUGH 1989-90

Five Year Average of

Monthly Price & Percent Sold



Squash: Production sold, monthly, Florida,
crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
					1,000 bushels					
1985-86	152	476	375	271	235	431	742	476	34	3,192
1986-87	301	460	337	217	241	397	515	479	63	3,010
1987-88	179	337	427	350	268	439	794	524	84	3,402
1988-89	272	590	412	582	468	272	549	576	64	3,785
1989-90	231	702	465	71	384	841	826	417	41	3,978
					Percent					
1985-86	4.8	14.9	11.7	8.5	7.4	13.5	23.2	14.9	1.1	100.0
1986-87	10.0	15.3	11.2	7.2	8.0	13.2	17.1	15.9	2.1	100.0
1987-88	5.3	9.9	12.5	10.3	7.9	12.9	23.3	15.4	2.5	100.0
1988-89	7.2	15.6	10.9	15.4	12.3	7.2	14.5	15.2	1.7	100.0
1989-90	5.8	17.6	11.7	1.8	9.7	21.1	20.8	10.5	1.0	100.0

Squash: Average value per bushel for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
					Dollars					
1985-86	16.55	14.05	11.90	15.45	13.25	14.30	11.85	8.60	5.60	12.60
1986-87	11.20	10.50	11.40	16.80	14.40	12.90	12.50	11.70	11.10	12.30
1987-88	11.00	16.50	13.20	15.00	12.50	16.90	8.15	7.45	7.10	11.80
1988-89	9.20	6.95	9.00	9.15	8.85	13.30	11.70	9.70	8.80	9.50
1989-90	16.80	9.90	12.20	14.30	8.65	7.30	8.40	5.90	5.65	9.20

Squash: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Bushels	1,000 bushels
West	500	450	260	117
North	1,500	1,450	285	413
North Central	1,400	1,300	280	364
West Central	2,000	1,850	380	703
East Central	300	300	275	83
Southwest	2,000	1,850	330	610
Southeast	5,900	4,500	375	1,688
State	13,600	11,700	340	3,978

Squash: Acreage harvested by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
				Acres		
Alachua	900	900	800	800	700	600
Broward	600	400	300	200	1/	1/
Collier	2,000	1,700	1,500	1,100	1,000	700
Dade	5,300	4,800	5,000	5,250	4,500	3,400
Gadsden	250	250	250	250	300	300
Hardee	1/	1/	1/	1/	800	950
Hillsborough	850	700	700	450	600	600
Lee	1/	1/	1/	1/	900	900
Marion	500	350	300	300	300	400
Palm Beach (East)	2,100	2,500	2,400	2,000	1,500	800
Sumter	200	150	100	100	1/	1/
Other counties	3,800	4,050	3,850	3,550	3,050	3,050
State	16,500	15,800	15,200	14,000	13,650	11,700

1/ Included in other counties.

Strawberries: Acreage, production, and value, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per flat	Total value
	Planted	Harvested				
	Acres		Flats	1,000 flats	Dollars	1,000 dollars
1975-76	1,400	1,400	1,250	1,750	5.06	8,862
1976-77	1,500	1,500	1,211	1,817	4.93	8,960
1977-78	2,000	2,000	1,209	2,417	6.89	16,646
1978-79	2,400	2,400	1,333	3,200	6.92	22,157
1979-80	2,500	2,500	1,583	3,958	7.06	27,930
1980-81	3,200	3,200	1,750	5,600	4.98	27,888
1981-82	5,000	5,000	1,625	8,125	6.44	52,358
1982-83	5,400	5,400	1,583	8,550	6.14	52,531
1983-84	5,200	5,100	1,417	7,225	5.38	38,842
1984-85	5,300	5,300	1,667	8,833	6.94	61,268
1985-86	5,000	4,900	1,543	7,558	6.64	50,157
1986-87	4,900	4,900	1,876	9,192	7.30	67,062
1987-88	5,000	5,000	2,083	10,417	7.09	73,875
1988-89	5,300	5,300	2,167	11,483	8.03	92,188
1989-90	5,400	5,300	1,833	9,717	7.75	75,324

Strawberries: Production sold, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Dec	Jan	Feb	Mar	Apr	May	Total
			1,000 flats				
1985-86	294	744	259	3,373	2,560	328	7,558
1986-87	550	1,122	374	4,155	2,617	374	9,192
1987-88	521	1,667	1,250	4,896	1,875	208	10,417
1988-89	919	2,067	1,493	6,315	574	115	11,483
1989-90	777	875	2,818	4,373	777	97	9,717
			Percent				
1985-86	3.9	9.8	3.4	44.6	33.9	4.4	100.0
1986-87	6.0	12.2	4.1	45.2	28.5	4.0	100.0
1987-88	5.0	16.0	12.0	47.0	18.0	2.0	100.0
1988-89	8.0	18.0	13.0	55.0	5.0	1.0	100.0
1989-90	8.0	9.0	29.0	45.0	8.0	1.0	100.0

Strawberries: Average value per flat for fresh market sales, monthly, Florida, crop years 1985-86 through 1989-90

Crop year	Dec	Jan	Feb	Mar	Apr	May	Average
				Dollars			
1985-86	13.20	11.18	9.91	6.66	4.44	4.56	6.64
1986-87	14.64	10.20	11.76	6.78	5.16	4.32	7.30
1987-88	15.60	9.60	9.48	6.24	3.36	5.28	7.09
1988-89	13.80	9.96	9.84	6.50	4.69	4.20	8.03
1989-90	13.93	11.14	8.46	5.71	6.59	7.92	7.75

Strawberries: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Flats	1,000 flats
North	400	400	2,000	800
Central	4,800	4,700	1,800	8,460
South	200	200	2,285	457
State	5,400	5,300	1,833	9,717

Strawberries: Acreage harvested by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
				Acres		
Dade & Broward	200	300	200	200	200	200
Hillsborough & Manatee	4,500	4,000	4,200	4,400	4,700	4,700
Other counties	600	600	500	400	400	400
State	5,300	4,900	4,900	5,000	5,300	5,300

Tomatoes: Acreage and production, Florida, crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre			Production		
	Planted	Harvested	Fresh & proc	Fresh	Proc	Total	Fresh	Proc
	Acres		Cartons			1,000 cartons		
1975-76	38,700	38,300	966	918	48	36,991	35,151	1,840
1976-77	43,200	34,000	902	854	47	30,652	29,052	1,600
1977-78	42,100	41,500	870	826	44	36,100	34,260	1,840
1978-79	41,300	40,800	1,024	981	43	41,768	40,008	1,760
1979-80	42,900	42,200	1,133	1,102	31	47,812	46,492	1,320
1980-81	47,000	46,300	1,043	1,003	40	48,272	46,432	1,840
1981-82	41,300	40,500	1,293	1,250	43	52,360	50,632	1,728
1982-83	45,600	45,600	1,186	1,154	32	54,080	52,640	1,440
1983-84	49,300	47,600	1,157	1,128	29	55,056	53,712	1,344
1984-85	49,400	47,400	1,250	1,223	27	59,224	57,976	1,248
1985-86	48,700	48,200	1,267	1,243	24	61,056	59,904	1,152
1986-87	53,600	53,300	1,259	1,241	18	67,083	66,123	960
1987-88	57,000	56,800	1,362	1,344	19	77,389	76,333	1,056
1988-89	62,500	60,700	1,225	1,207	17	74,344	73,288	1,056
1989-90 1/	55,800	51,600	1,184	1,169	15	61,114	60,336	778

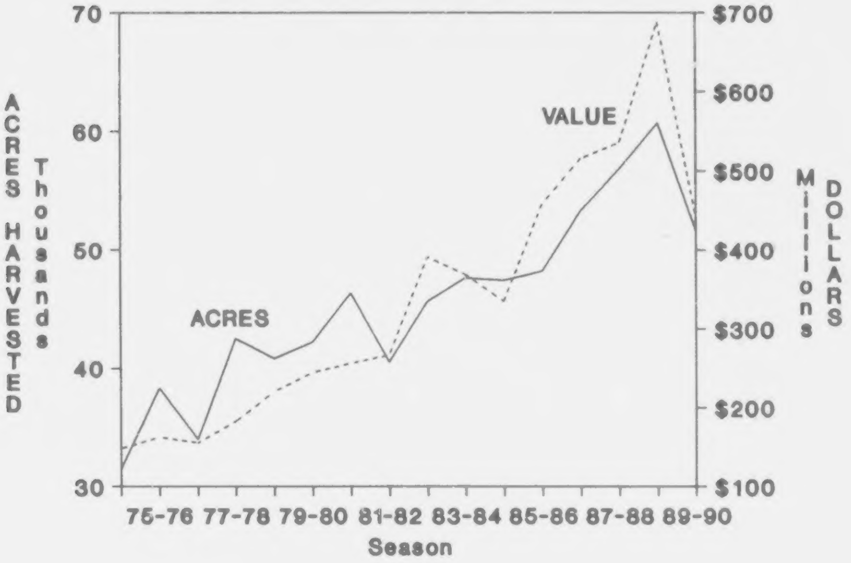
Tomatoes: Production and value, Florida, crop years 1975-76 through 1989-90

Crop year	Production			Value per carton		Total Value
	Total	Fresh	Proc	Fresh	Proc	
	1,000 cartons			Dollars		1,000 dollars
1975-76	36,991	35,151	1,840	4.59	.62	162,649
1976-77	30,652	29,052	1,600	5.30	.63	155,019
1977-78	36,100	34,260	1,840	5.28	.65	182,284
1978-79	41,768	40,008	1,760	5.47	.73	220,216
1979-80	47,812	46,492	1,320	5.23	.74	244,240
1980-81	48,272	46,432	1,840	5.49	1.00	256,584
1981-82	52,360	50,632	1,728	5.23	.94	266,306
1982-83	54,080	52,640	1,440	7.39	.94	390,612
1983-84	55,056	53,712	1,344	6.83	.95	367,955
1984-85	59,224	57,976	1,248	5.74	.94	334,091
1985-86	61,056	59,904	1,152	7.62	.94	457,823
1986-87	67,083	66,123	960	7.78	.98	515,685
1987-88	77,389	76,333	1,056	7.00	.96	535,489
1988-89	74,344	73,288	1,056	9.37	.96	687,900
1989-90 1/	61,114	60,336	778	7.29	.96	440,434

1/ Excludes 5,200,000 cartons not harvested due to low spring prices.

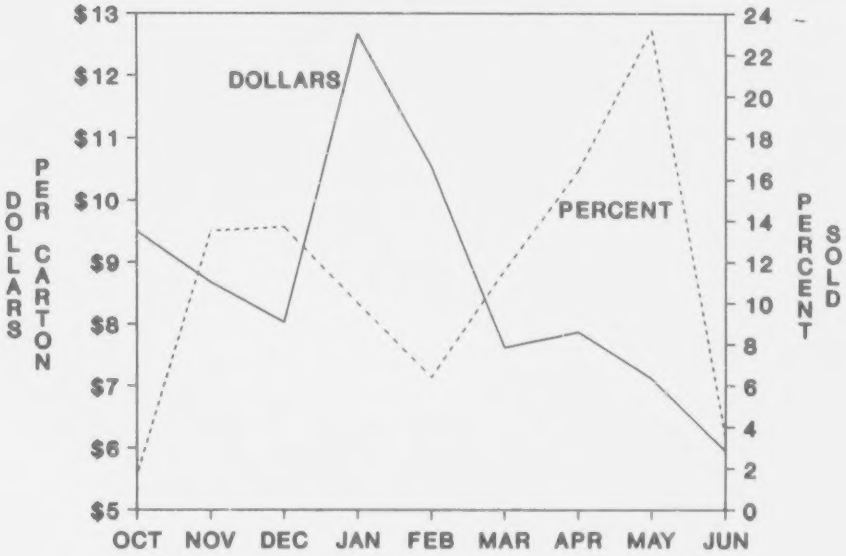
FRESH MARKET TOMATOES
1974-75 through 1989-90

Harvested Acres, Value of Production



FRESH MARKET TOMATOES:
Five Year Average of

Monthly Price & Percent Sold



Tomatoes: Production, monthly, for fresh market, Florida, crop years 1980-81 through 1989-90

Crop year	1/ Oct	2/ Nov	Dec	Jan	Feb	Mar	Apr	May	3/ Jun	Total
					1,000 cartons					
1980-81	--	6,112	7,776	6,184	2,928	976	8,136	12,368	1,952	46,432
1981-82	--	5,932	7,252	6,368	2,996	5,244	7,864	13,480	1,496	50,632
1982-83	--	6,208	7,904	7,320	3,852	3,084	6,936	8,860	8,476	52,640
1983-84	--	6,772	9,356	4,884	2,632	5,636	9,020	11,276	4,136	53,712
1984-85	--	9,880	8,080	8,404	3,600	1,200	10,404	14,408	2,000	57,976
1985-86	1,752	7,612	7,100	6,780	4,578	5,237	10,132	14,495	2,218	59,904
1986-87	1,691	8,239	10,437	8,449	4,593	4,064	9,331	15,877	3,442	66,123
1987-88	1,035	9,027	10,543	9,143	6,480	7,093	13,767	14,799	4,446	76,333
1988-89	512	10,277	8,983	8,116	5,684	13,457	7,894	17,007	1,458	73,288
1989-90	707	10,144	8,977	1,503	864	9,209	13,349	15,235	348	60,336
					Percent					
1980-81	--	13.2	16.7	13.3	6.3	2.1	17.5	26.7	4.2	100.0
1981-82	--	11.7	14.3	12.6	5.9	10.4	15.5	26.6	3.0	100.0
1982-83	--	11.8	15.0	13.9	7.3	5.9	13.2	16.8	16.1	100.0
1983-84	--	12.6	17.4	9.1	4.9	10.5	16.8	21.0	7.7	100.0
1984-85	--	17.0	14.0	14.5	6.2	2.1	17.9	24.9	3.4	100.0
1985-86	2.9	12.7	11.9	11.4	7.6	8.7	16.9	24.2	3.7	100.0
1986-87	2.6	12.5	15.8	12.8	6.9	6.1	14.1	24.0	5.2	100.0
1987-88	1.4	11.8	13.8	12.0	8.5	9.3	18.0	19.4	5.8	100.0
1988-89	.6	13.9	12.3	11.1	7.8	18.4	10.8	23.1	2.0	100.0
1989-90	1.2	16.8	14.9	2.5	1.4	15.3	22.1	25.2	.6	100.0

1/ Includes September and October production for 1985-86 through 1989-90. 2/ Includes September, October, and November production for 1980-81 through 1984-85. 3/ Includes July production.

Tomatoes: Average value per carton for fresh market sales, montnly, Florida, crop years 1980-81 through 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Average
						Dollars				
1980-81	5.25	4.40	4.25	7.95	11.70	12.10	5.55	3.50	5.05	5.49
1981-82	5.45	4.60	4.35	6.95	7.80	4.50	4.50	5.05	6.40	5.23
1982-83	7.35	8.30	5.00	4.65	9.30	11.50	9.85	7.90	6.70	7.39
1983-84	6.55	4.80	4.85	10.05	11.00	8.70	6.25	6.90	6.60	6.83
1984-85	4.90	4.20	4.70	6.30	9.35	14.55	8.30	3.70	4.60	5.74
1985-86	8.65	8.45	10.85	8.55	5.70	6.28	7.53	6.70	4.50	7.62
1986-87	10.00	9.45	9.60	7.08	6.45	8.03	6.73	6.95	7.20	7.78
1987-88	10.70	11.60	5.55	7.88	4.85	7.15	7.48	5.53	4.83	7.00
1988-89	9.00	7.20	3.93	10.85	11.30	8.53	13.95	10.90	7.73	9.37
1989-90	9.15	6.70	10.22	29.00	24.40	8.08	3.65	5.50	5.50	7.29

Tomatoes: Acreage and fresh market production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Cartons	1,000 cartons
West, North, and North Central	4,450	4,450	1,614	7,183
Palmetto-Ruskin	19,100	19,000	1,131	21,489
East Coast 1/	4,850	4,650	1,236	5,747
Southwest	20,600	17,700	1,189	21,045
Dade	6,800	5,800	840	4,872
State	55,800	51,600	1,169	60,336

1/ Formerly Ft. Pierce-Pompano.

Principal Tomato Producing Areas

Tomato growing areas and major shipping points

I Dade

Florida City
Goulds
Homestead
Perrine

II East Coast

Ft. Pierce
Jupiter
Pompano Beach
Stuart

III Southwest

Bonita Springs
Immokalee
Naples

IV Palmetto-Ruskin

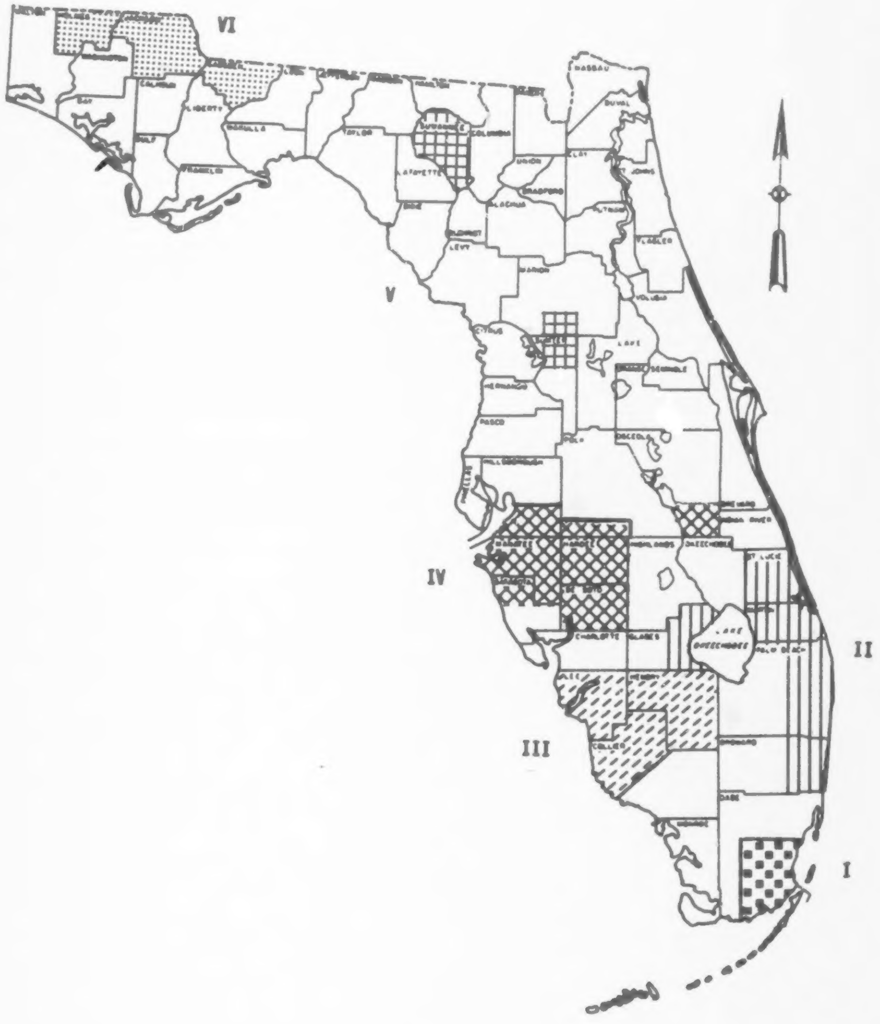
Palmetto
Osceola County
Ruskin
Tampa

V North

Oxford
Suwannee Valley

VI West

Gadsden County
Holmes County
Jackson County



Tomatoes: Acreage harvested, for fresh market, selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
				Acres		
Broward	700	480	400	550	680	350
Collier (Gr)	700	1,300	800	420	270	50
Collier (St)	8,100	8,100	11,200	14,140	14,980	13,700
Dade (Gr) 1/	11,200	11,600	11,150	7,950	660	50
Dade (St)	2/	2/	2/	1,200	7,340	5,750
DeSoto (St)	3/	3/	3/	3/	330	3/
Gadsden (St)	2,000	1,900	1,900	2,400	2,500	3,600
Hardee (St.)	3/	3/	3/	3/	690	720
Hendry (Gr)	80	--	--	--	--	--
Hendry (St)	1,290	1,580	1,700	2,360	3,270	2,550
Hillsborough (St)	6,450	6,060	7,300	8,100	8,360	5,800
Lee 4/	1,030	1,670	1,700	1,480	1,540	1,350
Manatee (St)	11,100	10,340	11,800	12,750	14,540	11,900
Martin (St)	3/	3/	3/	3/	940	1,100
Palm Beach (St)	3,000	3,420	4,100	4,360	3,410	3,175
Sarasota (St)	810	850	700	550	450	320
St Lucie (St)	300	150	3/	3/	3/	3/
Other counties 4/	640	750	550	540	740	1,185
State	47,400	48,200	53,300	56,800	60,700	51,600
Total ground	12,540	13,300	12,550	8,370	930	110
Total staked	34,860	34,900	40,750	48,430	59,770	51,490

1/ Includes both ground and staked culture for 1984-85 through 1986-87. Ground culture only for 1987-88 through 1989-90. 2/ 1984-85 through 1986-87 included in ground culture. 3/ Included in other counties. 4/ Small acreage of ground included with staked culture.

Tomatoes: Percent harvested, acreage by variety, by growing area, south Florida, 1988-89 and 1989-90

Variety	All areas		Southwest		Palmetto-Ruskin		East Coast		Dade	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
					Percent					
Sunny	72.9	72.7	98.5	98.1	68.4	57.5	98.4	96.9	6.1	14.7
Solar Set	2.7	7.2	0.5	1.8	5.9	16.4	0.4	2.0	20.8	--
Duke	9.1	4.2	--	--	--	--	--	--	65.1	36.5
FTC-12	2.9	3.9	--	--	--	--	--	--	--	33.7
Pacific	5.0	3.1	--	--	11.9	8.0	--	--	--	--
Hayslip	0.4	1.9	--	--	0.8	4.9	--	--	0.2	--
Bonita	0.2	1.7	--	--	0.6	0.2	--	--	--	14.2
BHN 26	3.3	1.2	0.9	--	7.0	3.2	--	--	--	--
Summit	0.1	1.1	--	--	0.2	2.8	--	--	--	--
Harlee	1/	0.7	--	--	--	1.9	--	--	--	--
All Star	1.1	0.6	--	--	2.6	1.5	--	--	--	--
Rome	0.1	0.2	0.1	--	--	0.4	--	--	--	--
Summer Flavor	1.0	0.2	--	--	2.0	0.4	1.2	--	--	--
BOS 1677	1/	0.1	--	--	0.1	0.3	--	--	--	--
Other 2/	1.2	1.2	--	0.1	0.5	2.5	--	1.1	7.8	0.9
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Included in other. 2/ Includes one or more of the following: Plum and Cherry varieties, Freedom, Celebrity, Olympia, FloraTom, Castleking, Mt. Pride, Floridade (908), Castlehy 1041, 8412, 1035, Count 2, IFAS 7181, Blazer, Harris, 675, and other experimental varieties.

Watermelons: Acreage, production, and value, Florida,
crop years 1975-76 through 1989-90

Crop year	Acreage		Yield per acre	Production	Value per cwt	Total value
	Planted	Harvested				
	Acres		Cwt	1,000 cwt	Dollars	1,000 dollars
1975-76	65,000	55,000	180	9,900	2.61	25,839
1976-77	65,000	51,000	175	8,925	2.97	26,507
1977-78	59,000	50,000	160	8,000	3.35	26,800
1978-79	50,000	43,000	150	6,450	5.00	32,250
1979-80	45,000	42,500	185	7,863	5.92	46,549
1980-81	54,000	49,000	165	8,085	6.52	52,714
1981-82	56,000	48,000	165	7,920	6.90	54,648
1982-83	59,000	49,000	165	8,085	7.20	58,212
1983-84	64,000	60,000	167	10,020	6.20	62,124
1984-85	59,000	54,000	166	8,964	5.95	53,336
1985-86	53,550	47,550	184	8,749	6.23	54,506
1986-87	54,900	46,100	157	7,238	9.64	69,774
1987-88	57,500	49,800	185	9,213	6.79	62,556
1988-89	58,000	50,000	170	8,500	5.30	45,050
1989-90	53,000	45,000	200	9,000	7.15	64,350

Watermelons: Production sold, monthly, Florida,
crop years 1985-86 through 1989-90

Crop year	Apr	May	Jun	Jul	Total
			1,000 cwt		
1985-86	88	4,042	4,068	551	8,749
1986-87	87	2,063	4,184	904	7,238
1987-88	--	2,773	5,224	1,216	9,213
1988-89	297	3,825	4,182	196	8,500
1989-90	1,134	4,923	2,889	54	9,000
			Percent		
1985-86	1.0	46.2	46.5	6.3	100.0
1986-87	1.2	28.5	57.8	12.5	100.0
1987-88	--	30.1	56.7	13.2	100.0
1988-89	3.5	45.0	49.2	2.3	100.0
1989-90	12.6	54.7	32.1	0.6	100.0

Watermelons: Average value per cwt for fresh market sales, monthly,
Florida, crop years 1985-86 through 1989-90

Crop year	Apr	May	Jun	Jul	Average
			Dollars		
1985-86	16.00	7.00	5.50	5.00	6.23
1986-87	18.00	12.50	9.50	3.00	9.64
1987-88	--	10.00	5.50	5.00	6.79
1988-89	9.50	6.80	3.70	3.80	5.30
1989-90	9.40	8.00	4.90	4.30	7.15

Watermelons: Acreage and production by areas, Florida, 1989-90 crop year

Areas	Acreage		Yield per acre	Production
	Planted	Harvested		
	Acres		Cwt	1,000 cwt
West	6,500	5,500	148	814
North	23,300	19,300	180	3,474
Central	13,100	11,100	240	2,664
South	10,100	9,100	225	2,048
State	53,000	45,000	200	9,000

Watermelons: Acreage harvested by selected counties, Florida, crop years 1984-85 through 1989-90

Counties	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
	Acres					
Alachua	4,300	4,000	3,650	3,750	3,800	3,000
Bradford	1/	1/	1/	300	300	400
C[illegible]oun	400	400	400	400	400	300
Charlotte	900	600	600	600	900	700
Citrus	800	600	650	650	450	400
Collier	3,500	3,500	3,400	4,000	4,600	4,700
Columbia	1,800	1,800	1,700	1,500	900	800
Desoto	3,600	2,800	2,700	2,500	2,500	2,100
Dixie	600	600	600	700	700	600
Gilchrist	3,400	3,200	3,000	3,000	3,000	2,500
Hardee	1,100	1,400	1,300	1,250	1,800	1,500
Hendry	2,800	2,600	2,500	2,500	2,500	2,200
Hillsborough	600	500	500	500	500	400
Holmes	1,600	1,500	1,300	1,600	1,000	800
Jackson	900	850	950	1,500	1,800	1,600
Jefferson	1,700	1,500	1,400	1,400	1,400	1,000
Lafayette	2,800	2,000	2,000	2,500	2,500	1,900
Lake	500	500	500	500	500	400
Lee	1,000	800	700	800	1,100	900
Levy	4,300	4,000	3,900	3,500	2,900	2,400
Madison	900	500	500	500	500	400
Manatee	1,500	1,200	1,150	1,200	1,400	3,200
Marion	3,100	3,000	2,900	2,700	2,100	1,800
Okeechobee	400	400	400	400	400	300
Polk	800	600	600	500	500	400
Sarasota	1/	1/	1/	200	200	400
Sumter	1,900	1,800	1,700	1,800	1,800	1,500
Suwannee	2,400	2,300	2,700	4,000	4,500	3,000
Union	1,200	700	700	700	700	500
Washington	500	800	800	800	800	1,900
Other counties	4,700	3,100	2,900	3,550	3,550	300
State	54,000	47,550	46,100	49,800	50,000	45,000

1/ Included in other counties.

Shipments to other States and Canada and exports to other countries by months and all methods of shipment from Florida, crop year 1989-90

Commodity	1989 Oct	1989 Nov	1989 Dec	1990 Jan	1990 Feb	1990 Mar	1990 Apr	1990 May	1990 Jun	1990 Jul	Total
					1,000 cwt						
Vegetables											
Snap beans	19	165	131	3	67	221	220	176	6	0	1,010
Cabbage	0	8	91	184	196	507	475	130	2	0	1,593
Carrots	2	6	100	51	125	134	147	128	30	0	723
Cauliflower	0	5	7	0	3	7	6	1	0	0	29
Celery	46	218	119	227	313	294	399	87	0	0	1,703
Chinese cabbage	0	3	7	10	14	30	14	7	0	0	85
Sweet corn	174	164	98	7	2	325	954	1,483	911	93	4,211
Cucumbers	343	603	243	16	40	468	739	864	98	3	3,417
Eggplant	45	63	39	10	11	62	70	95	44	1	440
Endive-Escarole	2	27	28	19	34	47	35	16	0	0	208
Greens	0	0	2	4	7	5	1	0	0	0	19
Lettuce	1	24	55	12	27	161	118	31	0	0	429
Okra	8	15	5	1	2	6	15	17	8	5	82
Dry onions	0	0	0	0	0	0	1	0	0	0	1
Parsley	0	8	13	6	11	15	15	6	0	0	74
Green peppers	51	209	351	108	59	381	682	743	139	0	2,723
Radishes	51	109	96	83	94	113	115	122	17	0	800
Southern peas	0	1	4	5	7	15	7	4	0	0	43
Squash	121	397	257	39	211	463	454	231	21	2	2,196
Tomatoes	459	1,588	2,172	345	90	1,452	2,751	3,135	975	8	12,975
Cherry tomatoes	19	39	27	6	2	23	56	94	39	2	307
Other veg.	32	40	60	65	68	78	63	45	17	16	484
Total Veg.	1,373	3,692	3,905	1,201	1,383	4,807	7,337	7,415	2,307	132	33,552
Potatoes	0	6	22	26	379	2,128	4,045	1,497	3	0	8,106
Strawberries	0	0	41	42	137	214	40	3	0	0	477
Watermelons	0	0	67	0	0	0	828	3,894	2,805	55	7,649
Total	1,373	3,698	4,035	1,269	1,899	7,149	12,250	12,809	5,115	187	49,784

Snap Beans: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 bushels					
1986-87	Truck										
	Fresh	66	474	445	326	295	502	583	368	41	3,100
	For proc.	--	29	--	--	--	2	12	35	4	82
	Export	--	--	--	--	--	--	--	--	--	--
	Total	66	503	445	326	295	504	595	403	45	3,182
1987-88	Truck										
	Fresh	47	367	434	455	385	419	658	470	34	3,269
	For proc.	--	10	--	7	--	--	8	70	8	103
	Export	--	--	--	--	--	--	--	--	--	--
	Total	47	377	434	462	385	419	666	540	42	3,372
1988-89	Truck										
	Fresh	68	431	393	419	486	323	461	664	33	3,278
	For proc.	2	34	--	7	15	--	34	254	--	346
	Export	--	--	--	--	--	--	--	--	--	--
	Total	70	465	393	426	501	323	495	918	33	3,624
1989-90	Truck										
	Fresh	65	496	436	10	223	734	707	517	21	3,209
	For Proc.	--	55	2	--	--	4	26	71	--	158
	Export	--	--	--	--	--	--	--	--	--	--
	Total	65	551	438	10	223	738	733	588	21	3,367

Cabbage: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1986-87	Piggy-back	--	--	23	17	15	27	54	44	--	180
	Fresh	2	21	359	628	586	549	787	509	53	3,494
	For Proc.	--	--	--	--	--	--	11	18	2	31
	Export	--	--	--	1	--	--	--	--	--	1
	Total	2	21	382	646	601	576	852	571	55	3,706
1987-88	Piggy-back	--	--	7	13	8	36	43	51	2	160
	Fresh	--	21	258	653	695	990	862	550	39	4,068
	For proc.	--	--	--	--	1	1	2	14	1	19
	Export	--	1	1	--	1	1	1	--	--	5
	Total	--	22	266	666	705	1,028	908	615	42	4,252
1988-89	Piggy-back	--	--	11	17	16	67	35	42	--	188
	Fresh	--	21	354	659	761	1,026	807	385	27	4,040
	For proc.	--	--	1	--	5	10	16	24	1	42
	Export	--	--	--	1	--	1	--	--	--	2
	Total	--	21	366	677	782	1,104	858	451	28	4,287
1989-90	Piggy-back	--	1	4	1	--	5	23	32	--	66
	Fresh	--	15	179	367	389	995	910	220	3	3,078
	For proc.	--	--	--	--	3	15	16	8	--	42
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	16	183	368	392	1,015	949	260	3	3,186

Carrots: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 sacks					
1986-87	Piggy-back	--	--	1	1	24	26	33	29	8	122
	Truck										
	Fresh-mini	4	10	19	35	47	50	40	38	16	259
	Fresh-other	3	7	35	184	252	314	199	150	85	1,229
	For proc.	--	--	4	39	61	50	45	22	7	228
	Export	--	--	--	17	15	5	7	3	4	51
	Total	7	17	59	276	399	445	324	242	120	1,889
1987-88	Piggy-back	--	--	10	25	26	35	54	32	16	198
	Truck										
	Fresh-mini	2	9	22	50	42	46	46	40	19	276
	Fresh-other	2	7	58	186	179	290	264	154	103	1,243
	For proc.	--	--	8	45	108	84	54	51	17	367
	Export	--	--	1	10	32	27	29	16	6	121
	Total	4	16	99	316	387	482	447	293	161	2,205
1988-89	Piggy-back	--	--	2	21	31	19	22	16	4	115
	Truck										
	Fresh-mini	2	24	60	99	136	135	72	106	27	661
	Fresh-other	--	--	91	155	257	376	139	133	38	1,189
	For proc.	--	2	6	35	75	73	65	27	3	286
	Export	--	--	--	4	--	18	--	--	--	22
	Total	2	26	157	293	468	602	276	266	68	2,158
1989-90	Piggy-back	--	--	10	2	4	8	7	5	--	36
	Truck										
	Fresh-mini	11	18	62	70	62	89	103	106	40	561
	Fresh-other	--	6	67	68	117	201	232	206	48	945
	For proc.	--	--	112	15	119	42	35	23	3	349
	Export	--	--	--	--	--	--	--	--	--	--
	Total	11	24	251	155	302	340	377	340	91	1,891

Cauliflower: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 cartons					
1986-87	Truck	--	5	14	45	98	32	21	6	--	221
	Total	--	5	14	45	98	32	21	6	--	221
1987-88	Piggy-back	--	--	--	--	--	3	--	--	--	3
	Truck	--	22	47	45	18	40	64	8	3	247
	Total	--	22	47	45	18	43	64	8	3	250
1988-89	Truck	--	--	25	22	17	15	26	11	1	117
	Total	--	--	25	22	17	15	26	11	1	117
1989-90	Truck	--	20	29	1	12	28	22	2	--	114
	Total	--	20	29	1	12	28	22	2	--	114

Celery: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 crates						
1986-87	Piggy-back	--	11	40	35	50	67	61	99	49	10	422
	Truck	4	157	425	447	552	597	607	724	316	25	3,854
	Export	--	--	--	--	2	3	--	13	2	--	20
	Total	4	168	465	482	604	667	668	836	367	35	4,296
1987-88	Piggy-back	--	11	45	50	49	81	104	108	40	--	488
	Truck	--	123	401	404	491	549	579	620	253	--	3,420
	Export	--	--	--	2	5	1	6	2	--	--	16
	Total	--	134	446	456	545	631	689	730	293	--	3,924
1988-89	Piggy-back	--	7	43	50	60	66	80	82	26	--	414
	Truck	--	76	555	503	494	483	636	664	250	8	3,669
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	--	83	598	553	554	549	716	746	276	8	4,083
1989-90	Piggy-back	--	--	21	15	34	45	48	88	20	--	271
	Truck	--	77	343	183	345	477	442	576	124	--	2,567
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	--	77	364	198	379	522	490	664	144	--	2,838

Chinese cabbage: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1986-87	Truck	1	11	31	30	28	36	37	33	2	209
	Export	--	1	--	--	--	--	--	--	--	1
	Total	1	12	31	30	28	36	37	33	2	210
1987-88	Truck	1	11	29	41	23	46	36	18	4	209
	Export	--	--	--	--	--	--	--	--	--	--
	Total	1	11	29	41	23	46	36	18	4	209
1988-89	Truck	--	--	20	22	25	30	25	17	3	142
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	--	20	22	25	30	25	17	3	142
1989-90	Truck	--	5	15	20	28	60	28	14	--	170
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	5	15	20	28	60	28	14	--	170

Sweet corn: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 crates						
1986-87	Piggy-back	1	7	4	--	--	--	28	195	199	21	455
	Truck	221	425	309	238	171	313	1,150	2,285	1,839	150	7,101
	Export	--	1	1	--	2	1	--	2	--	--	7
	Total	222	433	314	238	173	314	1,178	2,482	2,038	171	7,563
1987-88	Piggy-back	3	5	--	--	--	3	14	164	67	15	271
	Truck	251	442	228	234	188	440	1,000	3,189	2,104	167	8,243
	Export	1	1	--	1	1	1	1	2	--	--	8
	Total	255	448	228	235	189	444	1,015	3,355	2,171	182	8,522
1988-89	Piggy-back	1	--	2	--	--	--	2	117	103	3	228
	Truck	178	240	239	166	213	278	432	3,245	1,917	148	7,056
	Export	--	--	--	1	--	1	--	--	--	--	2
	Total	179	240	241	167	213	279	434	3,362	2,020	151	7,286
1989-90	Piggy-back	4	--	--	--	--	8	46	95	95	14	362
	Truck	411	390	233	16	4	767	2,226	3,436	1,973	208	9,664
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	415	390	233	16	4	775	2,272	3,531	2,168	222	10,026

Cucumbers: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul 2/	Total
						1,000 crates						
1986-87	Piggy-back	--	17	3	--	--	13	13	22	4	--	72
	Truck											
	Fresh	433	892	420	144	247	572	1,648	2,838	1,650	121	8,965
	For proc.	12	29	7	--	--	1	13	16	37	--	115
	Total	445	938	430	144	247	586	1,674	2,876	1,691	121	9,152
1987-88	Piggy-back	1	3	1	1	--	--	9	17	2	--	34
	Truck											
	Fresh	344	757	358	225	157	314	1,090	1,396	359	14	5,014
	For proc.	8	51	11	--	5	--	13	85	22	--	195
	Total	353	811	370	226	162	314	1,112	1,498	383	14	5,243
1988-89	Piggy-back	2	--	--	--	2	--	12	32	3	--	51
	Truck											
	Fresh	585	1,000	393	49	82	352	1,039	1,602	279	18	5,399
	For proc.	40	86	13	2	2	--	32	165	39	--	379
	Total	627	1,086	406	51	86	352	1,083	1,799	321	18	5,829
1989-90	Piggy-back	--	1	2	--	--	--	1	11	2	--	17
	Truck											
	Fresh	525	966	431	29	73	844	1,309	1,489	160	6	5,832
	For proc.	99	129	9	--	--	6	34	70	16	--	363
	Total	624	1,096	442	29	73	850	1,344	1,570	178	6	6,212

1/ Includes September shipments.

2/ Includes any August shipments.

Eggplant: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 cartons						
1986-87	Truck	115	205	163	157	124	77	165	188	124	23	1,341
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	115	205	163	157	124	77	165	188	124	23	1,341
1987-88	Truck	119	148	121	146	77	70	96	181	156	38	1,152
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	119	148	121	146	77	70	96	181	156	38	1,152
1988-89	Truck	88	166	129	164	127	145	156	234	148	11	1,368
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	88	166	129	164	127	145	156	234	148	11	1,368
1989-90	Truck	137	192	117	31	32	189	212	287	132	4	1,333
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	137	192	117	31	32	189	212	287	132	4	1,333

1/ Includes September shipments.

Endive-Escarole: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1986-87	Truck										
	Fresh	8	132	168	199	188	217	195	142	3	1,252
	Total	8	132	168	199	188	217	195	142	3	1,252
1987-88	Truck										
	Fresh	--	148	226	274	220	213	198	116	2	1,397
	Total	--	148	226	274	220	213	198	116	2	1,397
1988-89	Truck										
	Fresh	15	128	192	201	188	159	204	83	1	1,171
	Total	15	128	192	201	188	159	204	83	1	1,171
1989-90	Truck										
	Fresh	7	108	110	74	137	186	143	66	--	831
	Total	7	108	110	74	137	186	143	66	--	831

Greens: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 crates					
1986-87	Truck										
	Fresh	--	4	506	82	88	74	67	15	--	836
	Total	--	4	506	82	88	74	67	15	--	836
1987-88	Truck										
	Fresh	--	1	8	52	44	33	20	8	--	166
	Total	--	1	8	52	44	33	20	8	--	166
1988-89	Truck										
	Fresh	1	--	6	10	24	28	21	4	1	95
	Total	1	--	6	10	24	28	21	4	1	95
1989-90	Truck										
	Fresh	--	--	7	17	27	19	6	1	--	77
	Total	--	--	7	17	27	19	6	1	--	77

Lettuce: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 cartons					
1986-87	Piggy-back	--	6	17	23	26	45	56	14	--	187
	Truck										
	Iceberg	1	8	79	124	213	235	235	107	1	1,003
	Romaine	2	31	36	54	60	81	33	18	1	316
	Other 1/	4	24	53	55	60	97	63	25	1	382
	Export	--	--	--	--	--	--	--	--	--	--
	Total	7	69	185	256	359	458	387	164	3	1,888
1987-88	Piggy-back	--	--	22	27	37	33	45	8	--	172
	Truck										
	Iceberg	--	10	124	314	413	301	255	59	--	1,476
	Romaine	--	36	74	137	76	66	59	18	--	466
	Other 1/	--	34	142	167	118	100	97	19	--	677
	Export	--	--	2	2	3	4	2	2	--	15
	Total	--	80	364	647	647	504	458	106	--	2,806
1988-89	Piggy-back	--	4	27	18	63	16	13	5	--	146
	Truck										
	Iceberg	--	25	171	308	347	278	173	49	--	1,351
	Romaine	5	69	67	98	121	44	48	14	--	466
	Other 1/	3	44	94	130	101	73	78	14	--	537
	Export	--	--	--	4	--	4	--	--	--	8
	Total	8	142	359	558	632	415	312	82	--	2,508
1989-90	Piggy-back	--	--	--	--	--	1	--	--	--	1
	Truck										
	Iceberg	--	9	69	13	29	247	200	55	--	622
	Romaine	1	54	52	7	27	95	45	11	--	292
	Other 1/	1	47	54	23	43	106	53	8	--	335
	Export	--	--	--	--	--	--	--	--	--	--
	Total	2	110	175	43	99	449	298	74	--	1,250

1/ Average weight per carton for other lettuce (bibb, Boston, and leaf types) is estimated at 16 pounds, and varies according to mix of these products.

Okra: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul 2/	Total
						1,000 bushels						
1986-87	Truck	48	57	18	13	8	13	20	49	65	58	349
	Total	48	57	18	13	8	13	20	49	65	58	349
1987-88	Truck	30	18	28	17	8	10	13	30	61	103	318
	Total	30	18	28	17	8	10	13	30	61	103	318
1988-89	Truck	34	53	20	9	8	14	15	65	97	53	368
	Total	34	53	20	9	8	14	15	65	97	53	368
1989-90	Truck	28	50	15	3	7	19	49	57	27	19	274
	Total	28	50	15	3	7	19	49	57	27	19	274

1/ Includes September shipments.

2/ Includes any August shipments.

Dry onions: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

1,000 sacks

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1986-87	Truck	--	--	--	--	--	--	15	2	1	18
	Total	--	--	--	--	--	--	15	2	1	18
1987-88	Truck	--	--	--	--	--	--	3	4	--	7
	Total	--	--	--	--	--	--	3	4	--	7
1988-89	Truck	--	--	--	--	--	2	1	2	--	5
	Total	--	--	--	--	--	2	1	2	--	5
1989-90	Truck	--	--	--	--	--	--	1	--	--	1
	Total	--	--	--	--	--	--	1	--	--	1

Parsley: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

1,000 crates

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1986-87	Truck	4	62	79	65	68	75	79	41	3	476
	Total	4	62	79	65	68	75	79	41	3	476
1987-88	Truck	3	53	80	85	73	78	74	36	2	484
	Total	3	53	80	85	73	78	74	36	2	484
1988-89	Truck	1	42	104	75	75	59	83	39	7	485
	Total	1	42	104	75	75	59	83	39	7	485
1989-90	Truck	--	37	60	28	53	70	72	32	--	352
	Total	--	37	60	28	53	70	72	32	--	352

Green Peppers: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

1,000 bushels

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1986-87	Piggy-back	--	3	8	12	8	13	8	13	--	--	65
	Truck	179	925	1,366	904	824	936	1,246	1,580	452	11	8,423
	Export	--	--	--	--	3	--	--	3	--	--	6
	Total	179	928	1,374	916	835	949	1,254	1,596	452	11	8,494
1987-88	Piggy-back	--	11	11	18	14	28	12	6	6	2	108
	Truck	105	736	1,187	864	810	1,111	1,669	1,977	902	34	9,395
	Export	--	--	3	4	1	--	1	--	--	--	9
	Total	105	747	1,201	886	825	1,139	1,682	1,983	908	36	9,512
1988-89	Piggy-back	--	9	24	24	16	15	15	19	8	--	130
	Truck	153	1,058	1,447	1,137	1,037	1,298	1,479	1,941	661	7	10,218
	Export	--	--	--	3	--	3	--	--	--	--	6
	Total	153	1,067	1,471	1,164	1,053	1,316	1,494	1,960	669	7	10,354
1989-90	Piggy-back	--	8	11	--	--	4	14	7	--	--	44
	Truck	182	740	1,243	384	210	1,356	2,422	2,647	496	1	9,681
	Export	--	--	--	--	--	--	--	--	--	--	--
	TotaL	182	748	1,254	384	210	1,360	2,436	2,654	496	1	9,725

Irish potatoes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 cwt				
1986-87	Piggy-back	--	--	--	--	6	25	225	51	--	307
	Truck	1	13	7	104	362	783	2,848	904	3	5,025
	Export	--	--	--	--	--	--	--	--	--	--
	Total	1	13	7	104	368	808	3,073	955	3	5,332
1987-88	Piggy-back	--	--	--	--	2	31	229	76	--	338
	Truck	3	12	2	52	327	761	3,016	1,454	21	5,648
	Export	--	--	--	--	--	--	--	--	--	--
	Total	3	12	2	52	329	792	3,245	1,530	21	5,986
1988-89	Piggy-back	--	--	--	3	4	24	268	62	--	361
	Truck	--	16	7	116	399	1,041	3,390	1,334	--	6,303
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	16	7	119	403	1,065	3,658	1,396	--	6,664
1989-90	Piggy-back	--	--	--	--	1	108	290	69	--	468
	Truck	--	6	22	26	378	2,020	3,755	1,428	3	7,638
	Export	--	--	--	--	--	--	--	--	--	--
	Total	--	6	22	26	379	2,128	4,045	1,497	3	8,106

Radishes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
						1,000 cwt					
1986-87	Piggy-back	50	46	45	43	48	49	47	46	4	378
	Truck	21	35	36	32	36	44	52	53	7	316
	Export	--	2	--	--	--	--	--	--	--	2
	Total	71	83	81	75	84	93	99	99	11	696
1987-88	Piggy-back	29	16	32	40	46	40	62	16	14	295
	Truck	18	30	55	39	38	51	50	47	6	334
	Export	--	--	--	--	--	--	--	--	--	--
	Total	47	46	87	79	84	91	112	63	20	629
1988-89	Piggy-back	35	50	52	40	44	45	62	80	26	434
	Truck	17	44	45	46	44	40	54	46	8	344
	Export	--	--	--	--	--	--	--	--	--	--
	Total	52	94	97	86	88	85	116	126	34	778
1989-90	Piggy-back	39	64	50	53	55	66	68	80	14	489
	Truck	12	45	46	30	39	47	47	42	3	311
	Export	--	--	--	--	--	--	--	--	--	--
	Total	51	109	96	83	94	113	115	122	17	800

Southern peas: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun 2/	Total
						1,000 bushels					
1986-87	Truck	14	19	16	9	8	13	18	26	12	135
	Total	14	19	16	9	8	13	18	26	12	135
1987-88	Truck	10	9	13	6	4	8	12	12	9	83
	Total	10	9	13	6	4	8	12	12	9	83
1988-89	Truck	6	11	11	14	8	7	10	20	10	97
	Total	6	11	11	14	8	7	10	20	10	97
1989-90	Truck	--	5	15	20	28	60	28	14	--	170
	Total	--	5	15	20	28	60	28	14	--	170

1/ Includes September shipments.
2/ Includes any July shipments.

Squash: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 bushels					
1986-87	Truck	303	425	312	200	224	369	502	442	55	5	2,837
	Total	303	425	312	200	224	369	502	442	55	5	2,837
1987-88	Truck	181	314	399	337	251	473	742	489	75	1	3,262
	Total	181	314	399	337	251	473	742	489	75	1	3,262
1988-89	Truck	282	582	392	507	424	320	657	492	71	15	3,742
	Total	282	582	392	507	424	320	657	492	71	15	3,742
1989-90	Truck	287	945	613	94	503	1,103	1,080	549	51	4	5,229
	Total	287	945	613	94	503	1,103	1,080	549	51	4	5,229

1/ Includes September shipments.

Strawberries: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method shipment	Dec 1/	Jan	Feb	Mar	Apr	May	Total
					1,000 flats			
1986-87	Air	41	5	--	--	--	--	46
	Truck	205	418	143	1,565	998	130	3,459
	Export	15	6	2	--	--	--	23
	Total	261	429	145	1,565	998	130	3,528
1987-88	Air	36	32	6	--	--	--	74
	Truck	234	758	495	1,979	769	82	4,317
	Export	4	9	5	--	--	--	18
	Total	274	799	506	1,979	769	82	4,409
1988-89	Air	10	10	2	--	--	--	22
	Truck	391	795	627	2,735	232	24	4,804
	Export	14	10	8	--	--	--	32
	Total	415	815	637	2,735	232	24	4,858
1989-90	Air	1	3	--	--	--	--	4
	Truck	332	346	1,146	1,786	335	22	3,967
	Export	6	--	--	--	--	--	6
	Total	339	349	1,146	1,786	335	22	3,977

1/ Includes November shipments.

Tomatoes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 cartons						
1986-87	Piggy-back	15	160	314	270	216	191	514	434	391	2	2,507
	Truck	729	5,612	8,228	5,789	3,697	3,509	7,827	11,436	4,163	82	51,072
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	744	5,772	8,542	6,059	3,913	3,700	8,341	11,870	4,554	84	53,579
1987-88	Piggy-back	29	95	210	165	176	290	316	420	186	5	1,892
	Truck	419	4,983	7,881	5,778	4,633	5,984	8,396	11,968	6,568	99	56,709
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	448	5,078	8,091	5,943	4,809	6,274	8,712	12,388	6,754	104	58,601
1988-89	Piggy-back	29	168	280	226	124	316	231	295	157	5	1,831
	Truck	960	5,617	8,768	6,942	4,134	8,166	7,048	11,662	4,478	36	57,811
	Export	--	--	--	2	--	--	--	--	--	--	2
	Total	989	5,785	9,048	7,170	4,258	8,482	7,279	11,957	4,635	41	59,644
1989-90	Piggy-back	20	171	166	17	--	155	324	440	76	1	1,370
	Truck	1,817	6,181	8,523	1,363	360	5,651	10,679	12,099	3,826	32	50,531
	Export	--	--	--	--	--	--	--	--	--	--	--
	Total	1,837	6,352	8,689	1,380	360	5,806	11,003	12,539	3,902	33	51,901

Cherry Tomatoes: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1987-88 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
						1,000 cwt						
1987-88	Truck	18	47	37	22	15	17	27	62	56	4	305
	Total	18	47	37	22	15	17	27	62	56	4	305
1988-89	Truck	9	57	47	17	14	34	19	72	41	2	312
	Total	9	57	47	17	14	34	19	72	41	2	312
1989-90	Truck	19	39	27	6	2	23	56	94	39	2	307
	Total	19	39	27	6	2	23	56	94	39	2	307

1, Includes September shipments.

Watermelons: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Dec 1/	Jan	Feb	Mar	Apr	May	Jun	Jul 2/	Total
						Loads 3/				
1986-87	Piggy-back	2	2	2	--	--	245	550	132	933
	Truck	236	93	69	66	159	2,917	5,711	1,217	10,468
	Export	--	--	--	--	--	--	--	--	--
	Total	238	95	71	66	159	3,162	6,261	1,349	11,401
1987-88	Piggy-back	2	--	--	--	2	824	1,186	44	2,058
	Truck	152	--	--	--	36	4,381	8,839	923	14,331
	Export	--	--	--	--	--	--	--	--	--
	Total	154	--	--	--	38	5,205	10,025	967	16,389
1988-89	Piggy-back	4	--	--	--	70	926	828	12	1,840
	Truck	118	--	--	26	420	5,755	7,549	347	14,215
	Export	--	--	--	--	--	--	--	--	--
	Total	122	--	--	26	490	6,681	8,377	359	16,055
1989-90	Piggy-back	1	--	--	--	210	1,007	392	--	1,610
	Truck	148	--	--	--	1,630	7,647	5,841	122	15,388
	Export	--	--	--	--	--	--	--	--	--
	Total	149	--	--	--	1,840	8,654	6,233	122	16,998

1/ Includes shipments prior to December.
2/ Includes any August shipments.
3/ 45,000 pounds per load.

Other vegetables: Shipments to other States and Canada and exports to other countries by months and methods of shipment from Florida, crop years 1986-87 through 1989-90

Crop year	Method of shipment	Oct 1/	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
							1,000 cwt					
1986-87	Truck											
	Fresh	9	22	31	35	41	51	42	31	5	7	274
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	9	22	31	35	41	51	42	31	5	7	274
1987-88	Truck											
	Fresh	17	20	36	36	49	56	46	35	7	5	307
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	17	20	36	36	49	56	46	35	7	5	307
1988-89	Truck											
	Fresh	34	43	53	71	60	73	51	42	18	14	459
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	34	43	53	71	60	73	51	42	18	14	459
1989-90	Truck											
	Fresh	32	40	60	65	68	78	63	45	17	16	484
	For proc.	--	--	--	--	--	--	--	--	--	--	--
	Total	32	40	60	65	68	78	63	45	17	16	484

1/ Includes September shipments.

Snap beans: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	99	--	81	--	180
Balt-Wash	--	162	--	59	--	221
Boston	--	205	--	101	--	306
Buffalo	--	18	--	7	--	25
Chicago	--	152	--	77	--	229
Cincinnati	--	63	--	40	--	103
Columbia, S.C.	--	38	--	76	--	114
Dallas	--	32	--	70	--	102
Denver	--	3	--	4	--	7
Detroit	--	95	--	47	--	142
Los Angeles	--	3	--	284	--	287
Miami	--	56	--	25	--	81
New Orleans	--	23	--	10	--	33
New York-Newark	--	136	--	98	--	234
Philadelphia	--	105	--	64	--	169
Pittsburgh	--	43	--	14	--	57
St. Louis	--	55	--	13	--	68
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	23	--	249	--	272
Seattle-Tacoma	--	8	--	45	--	53
Total U.S.	--	1,319	--	1,364	--	2,683
Montreal	--	52	--	34	--	86
Ottawa	--	--	--	--	--	--
Toronto	--	97	--	23	--	120
Vancouver	--	--	--	16	--	16
Winnipeg	--	2	--	2	--	4
Total Canadian	--	151	--	75	--	226
Total	--	1,470	--	1,439	--	2,909

Cabbage: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	155	--	470	--	625
Balt-Wash	--	175	--	382	--	557
Boston	--	135	--	443	--	578
Buffalo	--	30	--	113	--	143
Chicago	--	40	--	634	--	674
Cincinnati	--	26	--	389	--	415
Columbia, S.C.	--	48	--	83	--	131
Dallas	--	1	--	423	--	424
Denver	--	--	--	34	--	34
Detroit	--	47	--	202	--	249
Los Angeles	--	--	--	1,226	--	1,226
Miami	--	72	--	99	--	171
New Orleans	--	5	--	156	--	161
New York-Newark	--	94	--	325	--	419
Philadelphia	--	155	--	271	--	426
Pittsburgh	--	121	--	198	--	319
St. Louis	--	5	--	276	--	281
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	462	--	462
Seattle-Tacoma	--	--	--	242	--	242
Total U.S.	--	1,109	--	6,428	--	7,537
Montreal	--	--	--	298	--	298
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	131	--	131
Vancouver	--	--	--	75	--	75
Winnipeg	--	--	--	57	--	57
Total Canadian	--	--	--	561	--	561
Total	--	1,109	--	6,989	--	8,098

Cantaloups: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	4	--	440	--	444
Balt-Wash	--	--	--	498	--	498
Boston	--	--	--	829	--	829
Buffalo	--	--	--	90	--	90
Chicago	--	--	--	810	--	810
Cincinnati	--	--	--	293	--	293
Columbia, S.C.	--	8	--	131	--	139
Dallas	--	--	--	200	--	200
Denver	--	--	--	64	--	64
Detroit	--	--	--	292	--	292
Los Angeles	--	--	--	1,462	--	1,462
Miami	--	--	--	177	--	177
New Orleans	--	--	--	105	--	105
New York-Newark	--	--	--	469	--	469
Philadelphia	--	--	--	457	--	457
Pittsburgh	--	--	--	167	--	167
St. Louis	--	--	--	190	--	190
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	655	--	655
Seattle-Tacoma	--	--	--	486	--	486
Total U.S.	--	12	--	7,815	--	7,827
Montreal	--	--	--	116	--	116
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	170	--	170
Vancouver	--	--	--	83	--	83
Winnipeg	--	--	--	23	--	23
Total Canadian	--	--	--	392	--	392
Total	--	12	--	8,207	--	8,219

Carrots: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bags received from - -						City	1,000 bags received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	79	7	168	7	247	St. Louis	--	5	70	184	70	189
Balt-Wash	--	29	122	270	122	299	San Antonio	--	--	--	--	--	--
Boston	--	31	872	360	872	391	San Fran-Okland	--	--	--	772	--	772
Buffalo	--	12	165	324	165	336	Seattle-Tacoma	--	--	--	538	--	538
Chicago	--	24	2	586	2	610	Total U.S.	--	360	2,912	6,198	2,912	6,558
Cincinnati	--	15	7	277	7	292							
Columbia, S.C.	--	15	--	25	--	40	Montreal	--	--	--	381	--	381
Dallas	--	2	--	311	--	313	Ottawa	--	--	--	--	--	--
Denver	--	--	--	78	--	78	Toronto	--	--	2	211	2	211
Detroit	--	2	98	282	98	284	Vancouver	--	1	40	165	40	166
Los Angeles	--	--	--	1,021	--	1,021	Winnipeg	--	--	--	79	--	79
Miami	--	63	106	147	106	210							
New Orleans	--	19	--	92	--	111	Total Canadian	--	1	42	836	42	837
New York-Newark	--	13	979	253	979	266							
Philadelphia	--	39	397	242	397	281							
Pittsburgh	--	12	87	268	87	280	Total	--	361	2,954	7,034	2,954	7,395

Cauliflower: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cartons received from - -						City	1,000 cartons received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	207	--	207	St. Louis	--	--	--	260	--	260
Balt-Wash	--	5	--	41	--	46	San Antonio	--	--	--	--	--	--
Boston	--	3	--	378	--	381	San Fran-Okland	--	--	--	460	--	460
Buffalo	--	--	--	78	--	78	Seattle-Tacoma	--	--	--	302	--	302
Chicago	--	--	--	504	--	504	Total U.S.	--	18	--	5,042	--	5,060
Cincinnati	--	--	--	341	--	341							
Columbia, S.C.	--	--	--	20	--	20	Montreal	--	9	--	218	--	227
Dallas	--	1	--	171	--	172	Ottawa	--	--	--	--	--	--
Denver	--	--	--	45	--	45	Toronto	--	--	--	392	--	392
Detroit	--	--	--	280	--	280	Vancouver	--	--	--	156	--	156
Los Angeles	--	--	--	978	--	978	Winnipeg	--	--	--	54	--	54
Miami	--	--	--	92	--	92	Total Canadian	--	9	--	820	--	829
New Orleans	--	1	--	103	--	104							
New York-Newark	--	--	--	192	--	192							
Philadelphia	--	6	--	284	--	290							
Pittsburgh	--	2	--	306	--	308	Total	--	27	--	5,862	--	5,889

Celery: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	76	--	110	--	186	St. Louis	--	15	--	158	--	173
Balt-Wash	--	83	2	313	2	396	San Antonio	--	--	--	--	--	--
Boston	9	45	2	216	11	261	San Fran-Oakland	--	--	--	428	--	428
Buffalo	--	11	--	142	--	153	Seattle-Tacoma	--	--	--	301	--	301
Chicago	--	40	3	430	3	470	Total U.S.	9	628	7	5,380	16	6,008
Cincinnati	--	24	--	231	--	255							
Columbia, S.C.	--	17	--	20	--	37	Montreal	--	31	--	216	--	247
Dallas	--	1	--	219	--	220	Ottawa	--	--	--	--	--	--
Denver	--	--	--	72	--	72	Toronto	--	5	--	201	--	206
Detroit	--	23	--	261	--	284	Vancouver	--	--	3	108	3	108
Los Angeles	--	--	--	1,567	--	1,567	Winnipeg	--	--	--	38	--	38
Miami	--	65	--	97	--	162							
New Orleans	--	15	--	99	--	114	Total Canadian	--	36	3	563	3	599
New York-Newark	--	49	--	216	--	265							
Philadelphia	--	126	--	251	--	377							
Pittsburgh	--	38	--	249	--	287	Total	9	664	10	5,943	19	6,607

Chinese cabbage: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	14	--	14	St. Louis	--	1	--	8	--	9
Balt-Wash	--	7	--	47	--	54	San Antonio	--	--	--	--	--	--
Boston	--	17	--	35	--	52	San Fran-Oakland	--	--	--	106	--	106
Buffalo	--	--	--	--	--	--	Seattle-Tacoma	--	--	--	38	--	38
Chicago	--	11	--	22	--	33	Total U.S.	--	77	--	767	--	844
Cincinnati	--	4	--	17	--	21							
Columbia, S.C.	--	--	--	4	--	4	Montreal	--	3	--	43	--	46
Dallas	--	--	--	11	--	11	Ottawa	--	--	--	--	--	--
Denver	--	--	--	3	--	3	Toronto	--	--	--	--	--	--
Detroit	--	--	--	1	--	1	Vancouver	--	--	--	4	--	4
Los Angeles	--	13	--	402	--	415	Winnipeg	--	--	--	3	--	3
Miami	--	15	--	21	--	36							
New Orleans	--	--	--	3	--	3	Total Canadian	--	3	--	50	-	53
New York-Newark	--	1	--	3	--	4							
Philadelphia	--	7	--	28	--	35							
Pittsburgh	--	1	--	4	--	5	Total	--	80	--	817	--	897

Corn: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	183	--	32	--	215	St. Louis	--	138	--	14	--	152
Balt-Wash	--	315	--	35	--	350	San Antonio	--	--	--	--	--	--
Boston	--	333	--	58	--	391	San Fran-Oakland	--	119	--	350	--	469
Buffalo	--	60	--	1	--	61	Seattle-Tacoma	--	46	--	113	--	159
Chicago	--	452	--	93	--	545	Total U.S.	--	3,128	--	1,444	--	4,572
Cincinnati	--	224	--	31	--	255							
Columbia, S.C.	--	68	--	19	--	87	Montreal	--	29	--	11	--	40
Dallas	--	118	--	29	--	147	Ottawa	--	--	--	--	--	--
Denver	--	4	--	8	--	12	Toronto	--	50	--	1	--	51
Detroit	--	215	--	16	--	231	Vancouver	--	--	--	7	--	7
Los Angeles	--	187	--	562	--	749	Winnipeg	--	2	--	2	--	4
Miami	--	113	--	16	--	129							
New Orleans	--	86	--	8	--	94	Total Canadian	--	81	--	21	--	102
New York-Newark	--	99	--	33	--	132							
Philadelphia	--	202	--	24	--	226							
Pittsburgh	--	166	--	2	--	168	Total	--	3,209	--	1,465	--	4,674

Cucumbers: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	99	--	104	--	203	St. Louis	--	105	--	102	--	207
Balt-Wash	--	226	--	213	--	439	San Antonio	--	--	--	--	--	--
Boston	--	440	--	518	--	958	San Fran-Oakland	--	3	--	403	--	406
Buffalo	--	65	--	38	--	103	Seattle-Tacoma	--	13	--	174	--	187
Chicago	--	234	--	296	--	530	Total U.S.	--	2,231	--	3,940	--	6,171
Cincinnati	--	108	--	97	--	205							
Columbia, S.C.	--	54	--	61	--	115	Montreal	--	46	--	111	--	157
Dallas	--	15	--	155	--	170	Ottawa	--	--	--	--	--	--
Denver	--	--	--	37	--	37	Toronto	--	68	--	131	--	199
Detroit	--	143	--	211	--	354	Vancouver	--	--	--	50	--	50
Los Angeles	--	3	--	874	--	877	Winnipeg	--	4	--	18	--	22
Miami	--	69	--	51	-	120							
New Orleans	--	40	--	49	-	89	Total Canadian	--	118	--	310	--	428
New York-Newark	--	201	--	221	--	422							
Philadelphia	--	205	--	163	--	368							
Pittsburgh	--	208	--	173	--	381	Total	--	2,349	--	4,250	--	6,599

Eggplant: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	9	--	4	--	13
Balt-Wash	--	68	--	23	--	91
Boston	--	123	--	52	--	175
Buffalo	--	13	--	5	--	18
Chicago	--	53	--	31	--	84
Cincinnati	--	14	--	9	--	23
Columbia, S.C.	--	3	--	1	--	4
Dallas	--	12	--	20	--	32
Denver	--	--	--	6	--	6
Detroit	--	39	--	14	--	53
Los Angeles	--	2	--	287	--	289
Miami	--	47	--	9	--	56
New Orleans	--	15	--	16	--	31
New York-Newark	--	152	--	69	--	221
Philadelphia	--	63	--	21	--	84
Pittsburgh	--	19	--	7	--	26
St. Louis	--	10	--	5	--	15
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	141	--	141
Seattle-Tacoma	--	--	--	32	--	32
Total U. S.	--	642	--	752	--	1,394
Montreal	--	33	--	15	--	48
Ottawa	--	--	--	--	--	--
Toronto	--	37	--	11	--	48
Vancouver	--	1	--	12	--	13
Winnipeg	--	--	--	2	--	2
Total Canadian	--	71	--	40	--	111
Total	--	713	--	792	--	1,505

Escarole: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	3	--	13	--	16
Balt-Wash	--	32	--	24	--	56
Boston	--	98	--	56	--	154
Buffalo	--	18	--	11	--	29
Chicago	--	34	--	23	--	57
Cincinnati	--	6	--	22	--	28
Columbia, S.C	--	--	--	2	--	2
Dallas	--	--	--	6	--	6
Denver	--	--	--	2	--	2
Detroit	--	29	--	20	--	49
Los Angeles	--	--	--	94	--	94
Miami	--	44	--	56	--	100
New Orleans	--	--	--	10	--	10
New York-Newark	--	124	--	48	--	172
Philadelphia	--	68	--	31	--	99
Pittsburgh	--	31	--	14	--	45
St. Louis	--	4	--	5	--	9
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	27	--	27
Seattle-Tacoma	--	--	--	16	--	16
Total U.S.	--	491	--	480	--	971
Montreal	--	14	--	38	--	52
Ottawa	--	--	--	--	--	--
Toronto	--	27	--	13	--	40
Vancouver	--	--	--	3	--	3
Winnipeg	--	--	--	2	--	2
Total Canadian	--	41	--	56	--	97
Total	--	532	--	536	--	1,068

Greens: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	7	--	409	--	416
Balt-Wash	--	2	--	336	--	338
Boston	--	1	--	412	--	413
Buffalo	--	1	--	46	--	47
Chicago	--	7	--	476	--	483
Cincinnati	--	3	--	454	--	457
Columbia, S.C.	--	--	--	88	--	88
Dallas	--	--	--	256	--	256
Denver	--	--	--	21	--	21
Detroit	--	2	--	246	--	248
Los Angeles	--	--	--	574	--	574
Miami	--	3	--	10	--	13
New Orleans	--	--	--	63	--	63
New York-Newark	--	62	--	574	--	636
Philadelphia	--	8	--	299	--	307
Pittsburgh	--	--	--	31	--	31
St. Louis	--	--	--	126	--	126
San Antonio	--	--	--	--	--	--
San Fran-Ockland	--	--	--	264	--	264
Seattle-Tacoma	--	--	--	112	--	112
Total U.S.	--	96	--	4,797	--	4,893
Montreal	--	--	--	35	--	35
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	202	--	202
Vancouver	--	--	--	6	--	6
Winnipeg	--	--	--	3	--	3
Total Canadian	--	--	--	246	--	246
Total	--	96	--	5,043	--	5,139

Lettuce--Iceberg: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cartons received from - -						City	1,000 cartons received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	4	--	1,361	--	1,365	St. Louis	--	--	--	906	--	906
Balt-Wash	--	53	--	1,304	--	1,357	San Antonio	--	--	--	--	--	--
Boston	--	--	1	1,628	1	1,628	San Fran-Oakland	--	--	--	1,474	--	1,474
Buffalo	--	1	--	539	--	540	Seattle-Tacoma	--	--	--	916	--	916
Chicago	--	2	--	1,929	--	1,931	Total U.S.	--	162	22	20,178	22	20,340
Cincinnati	--	--	--	1,169	--	1,169							
Columbia, S.C.	--	15	--	239	--	254	Montreal	--	59	4	547	4	606
Dallas	--	--	--	877	--	877	Ottawa	--	--	--	--	--	--
Denver	--	--	--	170	--	170	Toronto	--	--	--	521	--	521
Detroit	--	--	--	889	--	889	Vancouver	--	--	--	209	--	209
Los Angeles	--	--	--	3,319	--	3,319	Winnipeg	--	--	--	97	--	97
Miami	--	71	--	223	--	294							
New Orleans	--	1	--	435	--	436	Total Canadian	--	59	4	1,374	4	1,433
New York-Newark	--	--	15	738	15	738							
Philadelphia	--	13	5	1,095	5	1,108							
Pittsburgh	--	2	1	967	1	969	Total	--	221	26	21,552	26	21,773

Lettuce--Romaine: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	3	--	150	--	153	St. Louis	--	1	--	140	--	141
Balt-Wash	--	35	--	355	--	390	San Antonio	--	--	--	--	--	--
Boston	--	6	3	698	3	704	San Fran-Oakland	--	--	--	756	--	756
Buffalo	--	2	--	41	--	43	Seattle-Tacoma	--	--	--	326	--	326
Chicago	--	7	--	197	--	204	Total U.S.	--	183	3	5,228	3	5,411
Cincinnati	--	3	--	92	--	95							
Columbia, S.C.	--	1	--	4	--	5	Montreal	--	68	--	183	--	251
Dallas	--	--	--	103	--	103	Ottawa	--	--	--	--	--	--
Denver	--	--	--	31	--	31	Toronto	--	4	--	247	--	251
Detroit	--	--	--	220	--	220	Vancouver	--	--	--	63	--	63
Los Angeles	--	--	--	1,173	--	1,173	Winnipeg	--	--	--	48	--	48
Miami	--	85	--	129	--	214							
New Orleans	--	1	--	42	--	43	Total Canadian	--	72	--	541	--	613
New York-Newark	--	14	--	321	--	335							
Philadelphia	--	15	--	380	--	395							
Pittsburgh	--	10	--	70	--	80	Total	--	255	3	5,769	3	6,024

Lettuce--Other: Rail and truck arrivals from Florida and other States, October 1989 through June 1990 1/

City	1,000 crates received from - -						City	1,000 crates received from - -					
	Florida		Other States		Total			Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck		Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	6	--	276	--	282	St. Louis	--	1	--	187	--	188
Balt-Wash	--	32	--	484	--	516	San Antonio	--	--	--	--	--	--
Boston	--	1	--	913	--	914	San Fran-Oakland	--	--	--	1,408	--	1,408
Buffalo	--	1	--	58	--	59	Seattle-Tacoma	--	--	--	534	--	534
Chicago	--	4	--	33[illegible]	--	336	Total U.S.	--	141	--	7,744	--	7,885
Cincinnati	--	20	--	297	--	317							
Columbia, S.C.	--	1	--	13	--	14	Montreal	--	19	--	194	--	213
Dallas	--	--	--	271	--	271	Ottawa	--	--	--	--	--	--
Denver	--	--	--	80	--	80	Toronto	--	--	--	243	--	243
Detroit	--	1	--	255	--	256	Vancouver	--	--	--	224	--	224
Los Angeles	--	--	--	1,637	--	1,637	Winnipeg	--	--	--	31	--	31
Miami	--	7	--	15	--	22							
New Orleans	--	1	--	85	--	86	Total Canadian	--	19	--	692	--	711
New York-Newark	--	29	--	336	--	365							
Philadelphia	--	13	--	314	--	327							
Pittsburgh	--	24	--	249	--	273	Total	--	160	--	8,436	--	8,596

1/ See lettuce table, p 55.

Mixed vegetables: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	--	--	--
Balt-Wash	4	--	22	--	26	--
Boston	3	--	8	--	11	--
Buffalo	--	--	2	--	2	--
Chicago	--	--	44	--	44	--
Cincinnati	--	--	--	--	--	--
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	--	--	--	--	--
Denver	--	--	--	--	--	--
Detroit	--	--	--	--	--	--
Los Angeles	--	--	--	--	--	--
Miami	--	--	--	--	--	--
New Orleans	--	--	--	--	--	--
New York-Newark	37	--	23	--	60	--
Philadelphia	4	--	8	--	12	--
Pittsburgh	--	--	4	--	4	--
St. Louis	--	--	--	--	--	--
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	--	--	--
Seattle-Tacoma	--	--	--	--	--	--
Total U.S.	48	--	111	--	159	--
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	48	--	111	--	159	--

Okra: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	41	--	20	--	61
Balt-Wash	--	5	--	2	--	7
Boston	--	5	--	1	--	6
Buffalo	--	--	--	--	--	--
Chicago	--	3	--	17	--	20
Cincinnati	--	5	--	3	--	8
Columbia, S.C	--	10	--	2	--	12
Dallas	--	--	--	26	--	26
Denver	--	--	--	--	--	--
Detroit	--	2	--	12	--	14
Los Angeles	--	--	--	53	--	53
Miami	--	34	--	15	--	49
New Orleans	--	1	--	6	--	7
New York-Newark	--	6	--	4	--	10
Philadelphia	--	2	--	1	--	3
Pittsburgh	--	--	--	--	--	--
St. Louis	--	2	--	2	--	4
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	15	--	15
Seattle-Tacoma	--	--	--	2	--	2
Total U.S.	--	116	--	181	--	297
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	--	116	--	181	--	297

Peppers--Bell: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	189	--	155	--	344
Balt-Wash	--	371	--	296	--	667
Boston	--	986	--	532	--	1,518
Buffalo	--	95	--	30	--	125
Chicago	--	431	14	418	14	849
Cincinnati	--	206	--	163	--	369
Columbia, S.C.	--	65	--	34	--	99
Dallas	--	94	--	190	--	284
Denver	--	1	--	49	--	50
Detroit	--	245	--	261	--	506
Los Angeles	--	311	--	1,036	--	1,347
Miami	--	82	--	41	--	123
New Orleans	--	78	--	92	--	170
New York-Newark	--	446	--	245	--	691
Philadelphia	--	435	--	268	--	703
Pittsburgh	--	262	--	141	--	403
St. Louis	--	109	--	127	--	236
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	125	--	735	--	860
Seattle-Tacoma	--	48	--	286	--	334
Total U.S.	--	4,579	14	5,099	14	9,678
Montreal	--	144	--	179	--	323
Ottawa	--	--	--	--	--	--
Toronto	--	264	--	262	--	526
Vancouver	--	1	--	112	--	113
Winnipeg	--	3	--	27	--	30
Total Canadian	--	412	--	580	--	992
Total	--	4,991	14	5,679	14	10,670

Peppers--Other: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	7	--	8	--	15
Balt-Wash	--	13	--	23	--	36
Boston	--	48	--	16	--	64
Buffalo	--	2	--	1	--	3
Chicago	--	64	--	51	--	115
Cincinnati	--	7	--	7	--	14
Columbia, S.C.	--	1	--	--	--	1
Dallas	--	32	--	82	--	114
Denver	--	--	--	17	--	17
Detroit	--	28	--	7	--	35
Los Angeles	--	--	--	1,139	--	1,139
Miami	--	42	--	11	--	53
New Orleans	--	1	--	5	--	6
New York-Newark	--	103	--	26	--	129
Philadelphia	--	18	--	3	--	21
Pittsburgh	--	16	--	2	--	18
St. Louis	--	3	--	1	--	4
San Antonio	--	--	--	--	--	--
San Fran[illegible]kland	--	--	--	136	--	136
Seattle-Tacoma	--	--	--	29	--	29
Total U.S.	--	385	--	1,564	--	1,949
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	--	385	--	1,564	--	1,949

Potatoes: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	143	335	787	335	930
Balt-Wash	--	76	101	823	101	899
Boston	--	85	634	1,745	634	1,830
Buffalo	--	16	73	239	73	255
Chicago	--	80	854	1,757	854	1,837
Cincinnati	--	41	345	604	345	645
Columbia, S.C.	--	59	68	159	68	218
Dallas	--	10	101	1,434	101	1,444
Denver	--	--	--	190	--	190
Detroit	--	37	345	719	345	756
Los Angeles	--	63	157	3,709	157	3,772
Miami	--	82	296	415	296	497
New Orleans	--	45	174	387	174	432
New York-Newark	--	14	1,584	725	1,584	739
Philadelphia	--	65	445	683	445	748
Pittsburgh	--	41	172	834	172	875
St. Louis	--	32	592	672	592	704
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	41	--	1,331	--	1,372
Seattle-Tacoma	--	9	--	918	--	927
Total U.S.	--	939	6,276	18,131	6,276	19,070
Montreal	--	--	28	507	28	507
Ottawa	--	--	--	--	--	--
Toronto	--	--	6	514	6	514
Vancouver	--	--	--	292	--	292
Winnipeg	--	--	--	147	--	147
Total Canadian	--	--	34	1,460	34	1,460
Total	--	939	6,310	19,591	6,310	20,530

Potatoes--Chipper: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	51	--	81	--	132
Balt-Wash	--	31	--	53	--	84
Boston	--	6	--	15	--	21
Buffalo	--	--	--	--	--	--
Chicago	--	41	--	93	--	134
Cincinnati	--	31	--	166	--	197
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	14	22	545	22	559
Denver	--	--	--	76	--	76
Detroit	--	--	--	238	--	238
Los Angeles	--	--	--	--	--	--
Miami	--	--	--	--	--	--
New Orleans	--	--	--	--	--	--
New York-Newark	--	--	--	1	--	1
Philadelphia	--	--	--	--	--	--
Pittsburgh	--	--	--	--	--	--
St. Louis	--	--	--	--	--	--
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	313	--	313
Seattle-Tacoma	--	--	--	307	--	307
Total U.S.	--	174	22	1,888	22	2,062
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	--	174	22	1,888	22	2,062

Potatoes--Seed: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	1	--	1
Balt-Wash	--	--	--	--	--	--
Boston	--	--	--	--	--	--
Buffalo	--	--	--	--	--	--
Chicago	--	--	--	--	--	--
Cincinnati	--	--	--	39	--	39
Columbia, S.C.	--	--	--	--	--	--
Dallas	--	--	--	5	--	5
Denver	--	--	--	--	--	--
Detroit	--	--	--	--	--	--
Los Angeles	--	--	--	--	--	--
Miami	--	--	--	--	--	--
New Orleans	--	--	--	--	--	--
New York-Newark	--	--	--	--	--	--
Philadelphia	--	--	--	--	--	--
Pittsburgh	--	--	--	--	--	--

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	--	--	6	--	6
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	--	--	--
Seattle-Tacoma	--	--	--	--	--	--
Total U.S.	--	--	--	51	--	51
Montreal	--	--	--	--	--	--
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	--	--	--
Vancouver	--	--	--	--	--	--
Winnipeg	--	--	--	--	--	--
Total Canadian	--	--	--	--	--	--
Total	--	--	--	51	--	51

Radishes: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	77	--	31	--	108
Balt-Wash	--	138	--	91	--	229
Boston	--	146	--	192	--	338
Buffalo	--	33	--	22	--	55
Chicago	--	179	--	68	--	247
Cincinnati	--	62	--	75	--	137
Columbia, S.C	--	19	--	4	--	23
Dallas	--	78	--	68	--	146
Denver	--	20	--	3	--	23
Detroit	--	67	--	98	--	165
Los Angeles	--	429	--	851	--	1,280
Miami	--	60	--	10	--	70
New Orleans	--	14	--	22	--	36
New York-Newark	--	88	--	81	--	169
Philadelphia	--	112	--	72	--	184
Pittsburgh	--	127	--	44	--	171

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	76	--	10	--	86
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	44	--	595	--	639
Seattle-Tacoma	--	--	--	392	--	392
Total U. S.	--	1,769	--	2,729	--	4,498
Montreal	--	58	--	35	--	93
Ottawa	--	--	--	--	--	--
Toronto	--	149	--	60	--	209
Vancouver	--	2	--	141	--	143
Winnipeg	--	14	--	14	--	28
Total Canadian	--	223	--	250	--	473
Total	--	1,992	--	2,979	--	4,971

Spinach: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	--	--	52	--	52
Balt-Wash	--	1	--	56	--	57
Boston	--	--	--	357	--	357
Buffalo	--	--	--	201	--	201
Chicago	--	--	--	235	--	235
Cincinnati	--	--	--	44	--	44
Columbia, S.C.	--	--	--	6	--	6
Dallas	--	--	--	54	--	54
Denver	--	--	--	16	--	16
Detroit	--	--	--	100	--	100
Los Angeles	--	--	--	538	--	538
Miami	--	9	--	47	--	56
New Orleans	--	--	--	13	--	13
New York-Newark	--	12	--	196	--	208
Philadelphia	--	1	--	76	--	77
Pittsburgh	--	--	--	17	--	17

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
St. Louis	--	--	--	60	--	60
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	341	--	341
Seattle-Tacoma	--	--	--	131	--	132
Total U.S.	--	23	--	2,541	--	2,564
Montreal	--	--	--	44	--	44
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	136	--	136
Vancouver	--	--	--	47	--	47
Winnipeg	--	--	--	9	--	9
Total Canadian	--	--	--	236	--	236
Total	--	23	--	2,777	--	2,800

Squash: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	61	--	79	--	140
Balt-Wash	--	116	--	183	--	299
Boston	--	254	--	751	--	1,005
Buffalo	--	20	--	27	--	47
Chicago	--	60	--	189	--	249
Cincinnati	--	33	--	101	--	134
Columbia, S.C.	--	28	--	48	--	76
Dallas	--	84	--	188	--	272
Denver	--	--	--	45	--	45
Detroit	--	69	--	155	--	224
Los Angeles	--	6	--	1,314	--	1,320
Miami	--	36	--	22	--	58
New Orleans	--	25	--	33	--	58
New York-Newark	--	138	--	263	--	401
Philadelphia	--	80	--	91	--	171
Pittsburgh	--	19	--	17	--	36
St. Louis	--	29	--	41	--	70
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	12	--	863	--	875
Seattle-Tacoma	--	--	--	288	--	288
Total U. S.	--	1,070	--	4,698	--	5,768
Montreal	--	30	--	49	--	79
Ottawa	--	--	--	--	--	--
Toronto	--	36	--	165	--	201
Vancouver	--	--	--	53	--	53
Winnipeg	--	--	--	12	--	12
Total Canadian	--	66	--	279	--	345
Total	--	1,136	--	4,977	--	6,113

Strawberries: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 flats received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	196	--	483	--	679
Balt-Wash	--	177	--	717	--	894
Boston	--	83	--	1,272	--	1,355
Buffalo	--	17	--	214	--	231
Chicago	--	232	--	1,478	--	1,710
Cincinnati	--	116	--	746	--	862
Columbia, S.C.	--	39	--	34	--	73
Dallas	--	21	--	462	--	483
Denver	--	1	--	16	--	17
Detroit	--	107	--	607	--	714
Los Angeles	--	16	--	1,878	--	1,894
Miami	--	62	--	174	--	236
New Orleans	--	62	--	175	--	237
New York-Newark	--	57	--	488	--	545
Philadelphia	--	187	--	1,409	--	1,596
Pittsburgh	--	41	--	692	--	733
St. Louis	--	19	--	462	--	481
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	1	--	1,336	--	1,337
Seattle-Tacoma	--	--	--	687	--	687
Total U.S.	--	1,434	--	13,330	--	14,764
Montreal	--	25	--	85	--	110
Ottawa	--	--	--	--	--	--
Toronto	--	16	--	55	--	71
Vancouver	--	1	--	29	--	30
Winnipeg	--	--	--	10	--	10
Total Canadian	--	42	--	179	--	221
Total	--	1,476	--	13,509	--	14,985

Tomatoes: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	1,357	--	548	--	1,905
Balt-Wash	--	1,248	--	770	--	2,018
Boston	--	2,096	--	795	--	2,891
Buffalo	--	343	--	131	--	474
Chicago	--	1,886	--	1,154	--	3,040
Cincinnati	--	1,078	--	575	--	1,653
Columbia, S.C.	--	1,047	--	384	--	1,431
Dallas	--	755	--	1,316	--	2,071
Denver	--	57	--	255	--	312
Detroit	--	652	--	578	--	1,230
Los Angeles	6	2,798	--	5,154	6	7,952
Miami	--	236	--	66	--	302
New Orleans	--	507	--	298	--	805
New York-Newark	--	864	--	719	--	1,583
Philadelphia	--	1,180	--	526	--	1,706
Pittsburgh	--	714	--	301	--	1,015
St. Louis	--	393	--	278	--	671
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	618	--	1,822	--	2,440
Seattle-Tacoma	--	113	--	1,099	--	1,212
Total U.S.	6	17,942	--	16,769	6	34,711
Montreal	--	426	--	318	--	744
Ottawa	--	--	--	--	--	--
Toronto	--	784	--	411	--	1,195
Vancouver	--	83	--	320	--	403
Winnipeg	--	57	--	60	--	117
Total Canadian	--	1,350	--	1,109	--	2,459
Total	6	19,292	--	17,878	6	37,170

Tomatoes-Cherry: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cartons received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	83	--	95	--	178
Balt-Wash	--	121	--	97	--	218
Boston	--	133	--	209	--	342
Buffalo	--	6	--	17	--	23
Chicago	--	50	--	119	--	169
Cincinnati	--	67	--	181	--	248
Columbia, S.C.	--	18	--	13	--	31
Dallas	--	15	--	104	--	119
Denver	--	--	--	17	--	17
Detroit	--	36	--	168	--	204
Los Angeles	--	11	--	591	--	602
Miami	--	69	--	45	--	114
New Orleans	--	13	--	9	--	22
New York-Newark	--	53	--	73	--	126
Philadelphia	--	71	--	127	--	198
Pittsburgh	--	41	--	29	--	70
St. Louis	--	23	--	53	--	76
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	1	--	278	--	279
Seattle-Tacoma	--	--	--	185	--	185
Total U.S.	--	811	--	2,410	--	3,221
Montreal	--	20	--	11	--	31
Ottawa	--	--	--	--	--	--
Toronto	--	35	--	33	--	68
Vancouver	--	--	--	7	--	7
Winnipeg	--	1	--	7	--	8
Total Canadian	--	56	--	58	--	114
Total	--	867	--	2,468	--	3,335

Peas (Other than green): Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 bushels received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	6	--	32	--	38
Balt-Wash	--	--	--	29	--	29
Boston	--	--	--	50	--	50
Buffalo	--	--	--	2	--	2
Chicago	--	--	--	22	--	22
Cincinnati	--	--	--	19	--	19
Columbia, S.C	--	1	--	6	--	7
Dallas	--	1	--	12	--	13
Denver	--	--	--	--	--	--
Detroit	--	--	--	9	--	9
Los Angeles	--	--	--	307	--	307
Miami	--	--	--	33	--	33
New Orleans	--	1	--	5	--	6
New York-Newark	--	1	--	7	--	8
Philadelphia	--	--	--	27	--	27
Pittsburgh	--	--	--	5	--	5
St. Louis	--	--	--	--	--	--
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	-	72	--	72
Seattle-Tacoma	--	--	--	16	--	16
Total U.S.	--	10	--	653	--	663
Montreal	--	1	--	12	--	13
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	11	--	11
Vancouver	--	--	--	6	--	6
Winnipeg	--	--	--	2	--	2
Total Canadian	--	1	--	31	--	32
Total	--	11	--	684	--	695

Watermelons: Rail and truck arrivals from Florida and other States, October 1989 through June 1990

City	1,000 cwt received from - -					
	Florida		Other States		Total	
	Rail	Truck	Rail	Truck	Rail	Truck
Atlanta	--	218	--	94	--	312
Balt-Wash	--	183	--	91	--	274
Boston	--	274	--	171	--	445
Buffalo	--	90	--	52	--	142
Chicago	--	148	--	129	--	277
Cincinnati	--	66	--	50	--	116
Columbia, S.C.	--	309	--	62	--	371
Dallas	--	6	--	190	--	196
Denver	--	--	--	25	--	25
Detroit	--	83	--	90	--	173
Los Angeles	--	1	--	655	--	656
Miami	--	31	--	113	--	144
New Orleans	--	56	--	52	--	108
New York-Newark	--	14	--	145	--	159
Philadelphia	--	120	--	74	--	194
Pittsburgh	--	102	--	39	--	141
St. Louis	--	39	--	43	--	82
San Antonio	--	--	--	--	--	--
San Fran-Oakland	--	--	--	241	--	241
Seattle-Tacoma	--	--	--	155	--	155
Total U.S.	--	1,740	--	2,471	--	4,211
Montreal	--	1	--	9	--	10
Ottawa	--	--	--	--	--	--
Toronto	--	--	--	11	--	11
Vancouver	--	--	--	6	--	6
Winnipeg	--	--	--	2	--	2
Total Canadian	--	1	--	28	--	29
Total	--	1,741	--	2,499	--	4,240

FLORIDA STATE FARMERS MARKETS, LOCATION AND ADDRESS

BUREAU OF STATE MARKETS
Francis Horne, Chief
Mayo Building, Room 415
Tallahassee, FL 32399-0800
904/487-4322

REGION I

Larry Reese, Regional Agricultural Market Supervisor
Mayo Building, Room 413, Tallahassee, FL 32399-0800, 904/487-4322

Name of Market	Address	Telephone
Bonifay	P.O. Box 716, Highway 90 Bonifay, Florida 32425	904/547-2540
Gadsden	P.O. Box 384, Highway 90 Quincy, Florida 32351	904/627-6484
Plant City	P.O. Box 637 1305 W. Haines St. Plant City, Florida 34289-0637	813/752-7446
Palatka	P.O. Box 216, Highway 71 South Palatka, Florida 32077	904/329-3713
Sanford	1300 French Avenue Sanford, Florida 32771	407/322-1293
Starke	P.O. Box 98, Highway 301 Starke, Florida 32091	904/964-6951
Trenton	P.O. Box 157, Highway 47 Trenton, Florida 32693	904/463-2361

REGION II

Jerry Wyrick, Regional Agricultural Market Supervisor
Mayo Building, Room 415, Tallahassee, FL 32399-0800, 904/487-4322

Florida City	300 North Krome Avenue Florida City, Florida 33034	305/247-1727
Fort Myers	P.O. Box 187, 2744 Edison Avenue Ft. Myers, Florida 33902	813/332-1383
Fort Pierce	P.O. Box 866 3479 South Federal Highway Ft. Pierce, Florida 33482	407/468-3917
Immokalee	424 New Market Road Immokalee, Florida 33934	813/657-3112
Pompano	1350 Hammondville Road, Bldg. 14 Pompano Beach, Florida 33069	305/946-6570
Wauchula	P.O. Box 425, Highway 17 Wauchula, Florida 33873	813/773-9850
Suwannee Valley -White Springs	Rt. 1, Box 103A - SR 136 White Springs, Florida 32096	904/963-5903

UNITED STATES DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
1222 Woodward Street, Orlando, Florida 32803

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